

The Cattleman

Fort Worth, Texas, January 1932

VOLUME XXVIII

Published by the Fort Worth Cattleman's Association

Published by the Fort Worth Cattleman's Association



ALL ROADS Lead to Fort Worth during the Southwestern Exposition and Fat Stock Show

January 25 - February 3



Livestock producers know they are always welcome to "Cow Town," but this month will bring a "Special" welcome because of the Southwestern Exposition and Fat Stock Show and Rodeo. With this great Southwestern livestock event will come thousands of visitors from the livestock producing areas, thousands of visitors who, we at the Fort Worth Stockyards feel, are personal friends of ours. We have served you throughout the years by providing marketing facili-

ties second to none in these broad United States. That we have served you well is evidenced by your continued patronage of and friendliness toward the Fort Worth market, which is deeply appreciated. We will continue to merit your patronage by providing you with the most *convenient, dependable and profitable* place to sell all classes of livestock. So . . . welcome to Fort Worth at show time . . . and we'll be happy to have you drop in and visit with us during the stock show.

**The 1952 Southwestern Exposition and Fat Stock Show has been dedicated to the packing
and stock yards industries of Fort Worth which are celebrating their
Fiftieth Anniversary this year**

KEEP POSTED Tune in for daily broadcasts: Special Market News and Information, WBAP "570" 7:30 a. m. - 12:15 p. m. WBAP "820" 6:15 a. m., 9:35 a. m. and 2:06 p. m. (No broadcasts Saturday afternoon and Sunday.)

Fort Worth Stockyards

**A division of United Stockyards Corporation
FORT WORTH, TEXAS**

***The Institution of Service
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| SALT LAKE CITY | PORTLAND | BILLINGS | LOS ANGELES |
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This photo in natural color appears on our 1952 calendar. If you have not received yours, we will be happy to mail you one upon receipt of your request.

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J. D. HUDGINS

"Beef-Type Brahms"

Hungerford
Texas

Welch
Oklahoma

The Cattleman

Vol. XXXVIII

JANUARY, 1952

No. 8

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**SLEEPLESS NIGHTS
TILL OL' TIMER MILL IRON CATCHES UP!**

NOW GENTS
BE CALM!

**BULL CALF
BUYERS**

BE QUIET!

Oklahoma
Agricultural and Mechanical College

SCHOOL OF AGRICULTURE
AGRICULTURAL EXPERIMENT STATION
STILLWATER

October 26, 1951

| | |
|---------------------------------|----------|
| Received | 10/30/51 |
| Read | yes |
| Answered | File |
| Hold for Answer <i>Answered</i> | |

Mr. Lafayette Hughes
Mill Iron Ranches
Wellington, Texas

Dear Mr. Hughes:

Mill Iron Ranches are to be congratulated on their continued progress in producing superior Hereford sires. The offering in the recent distribution sale surely must rank among the most outstanding in Mill Iron history. The good, herd-improving type that is a Mill Iron trademark was carried even further down in the sale offering than in those of other years.

Mill Iron's efforts to aid young stockmen, by making good sires available to the Sears Roebuck Foundation for distribution to Future Farmers of America chapters in Southern states, is an especially commendable part of the ranches' program. The good cattle seed planted in those states is already bringing results that are very beneficial to the cattle industry.

Yours very truly,

W. L. Blizzard

W. L. Blizzard
Dean and Director

And This Is Why

**Bull Calf Requests
For the Year 1952**

2225

BULL CALVES to be submitted
to the selection committee for
the 1952 sale...

Approximately **1152**

MILL IRON RANCHES
Office
Wellington, Texas

AUSTIN ("POLLY") O'NEIL
Manager, Mill Iron Ranches

JOHN C. BURNS
Consultant

ALVIN KEZER
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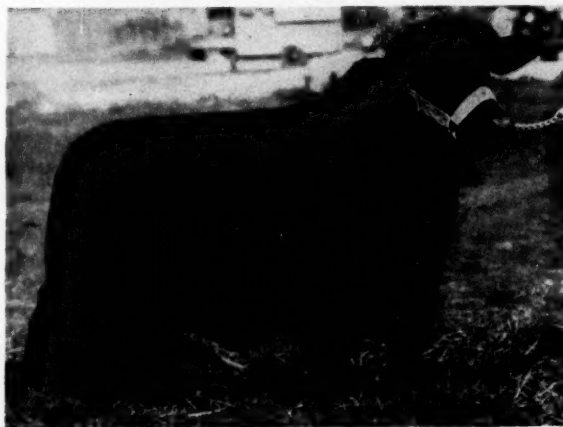
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In Charge of Grass and Pasture
Development

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NATIONAL BRANGUS SHOW
at
SAN ANTONIO LIVESTOCK EXPOSITION
FEBRUARY 15-24



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Grand Champion Brangus Female
at the 1951
San Antonio Show.



WE ARE offering the Grand Champion Brangus Bull of
the 1951 National Brangus Show and other good individuals in the First National Brangus Auction Sale, Thursday,
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*Ranches at Grenada, Mississippi, and Welch, Oklahoma.
Please direct communication to Welch.*



Frank Bultram

WELCH, OKLAHOMA

Raymond Pope

Telephone Welch 8227 or Vinita 1200



Of things that concern cattle raisers

The Cattlemans Cover

TEXAS LONGHORNS—By Tom Lea

FOR almost five years, while most of the men were off fighting the Civil War, both the branded and the wild unbranded cattle of Texas ran loose and untended in an unfenced wilderness. They increased by the millions, beyond the wildest dreams of the men who returned from war. These cattle were by far the greatest ready asset of the defeated Confederate state. Their market value was a great factor in the reconstruction of Texas. The modern cattle industry was born from the riotous surplus of cattle in Texas after the Civil War.

The same type of cattle had been planted by the Spaniards in California, and their herds had increased mightily there, but "geology, geography and the character of Texas cows, cowboys and cowmen, together with the movements of population and with economic conditions, conspired to put the Texas stamp upon the range industry of all Western America."

"The Longhorn initiated the greatest... migration of animals controlled by man that the world has ever known or can ever know. During the seventies the Plains Indians were all being killed off or rounded up; at the same time the buffalo were all but annihilated. An empire of vacated grass awaited occupation—an empire fringed with population far to the east—being traversed, but not halted in, by streams of human beings migrating to the Pacific slope."

"Civilization follows the plow." Over a great part of Texas and west of the Missouri River, the plow followed riders of the cow ponies; and these riders followed Texas Longhorns."

In the fifteen years following the Civil War millions of Longhorns from Texas were driven up the trail—to Kansas where the railroads carried stockcars to the beef markets of the East; to Indian agencies to feed red men whose natural supply of meat had vanished; and most important of all, to the immense, unfenced rangelands of the whole West, to populate them and change them from wastelands to great pastures.

Rangy, powerful and enduring, these cattle formed by the wilderness were at home on any frontier. They were ideal pioneers upon the untrammelled new lands.

To symbolize them all, I have painted a lead steer at the head of the herd, topping a rise in all his power and pride. This was in the bright morning of the new world when there was the destiny of many men and much land in the hoof prints of the Longhorn across the continent.

This is the fourth of a series of eleven paintings by Tom Lea on Western beef cattle to be published from time to time on the cover of *The Cattlemans*. Lea was commissioned by *Life* Magazine to do these paintings and they were presented to the Dallas Museum of Fine Arts in 1950 by *Life*. They are reproduced through the courtesy of this museum.

A booklet containing this series of paintings in black and white and a description of each can be secured for 50 cents by writing to the Dallas Museum of Fine Arts, Dallas, Texas, and mentioning *The Cattlemans*.—The Editor.

Directors Meet at Laredo

THE third quarterly meeting of the Board of Directors of the Texas & Southwestern Cattle Raisers Association was held at the Hamilton Hotel in Laredo, Texas, December 13th. The meeting was called to order by President Ray W. Willoughby who called upon A. E. Gates of Laredo to introduce the guests present at the meeting. Mr. Cluck, Mayor of Laredo, made a few remarks of welcome.

Mr. Willoughby reported on a number of his activities since the last quarterly meeting, among them was his dedication of the Livestock Judging Building at the State Fair at Dallas last Fall. He also discussed the meeting of the U. S. Sanitary Association in Kansas City, which was discussed at greater length by Judge Joe G. Montague. In his discussion Judge Montague outlined the history of that organization and pointed out that members from 33 states withdrew from the organization because of the undemocratic manner in which the affairs of that organization were being conducted. He said that all of the officials of the U. S. Department of Agriculture and members of Congress were notified of the withdrawal of these 33 states.

He pointed out that the Sanitary Association has claimed to represent the livestock producers, when such is not true, and for this reason he felt that the notification of these officials was important.

Judge Montague also discussed a number of cattle theft cases which he had helped prosecute, and also touched briefly on the OPS amendments. He pointed out that the fight against meat control was not yet over and that Michael DiSalle, director of OPS, has said that controls would be continued just as long as production fails to meet the demands of the country.

Judge Montague also discussed the Mexico labor situation and said that the latest developments in this respect were that ranch people in the United States can hire Mexican labor if they pay them \$100 per month including lodging and board but that no contract made would be good beyond February 11, 1952. President Willoughby reported upon the foot-and-mouth situation and his reply to Congressman Regan's statement before the annual convention of the Texas Sheep & Goat Raisers Association in El Paso, in which he stated that there had never been any "foot and mouth" disease in Mexico. Mr. Willoughby said that his reply to Congressman Regan was to the effect that Congressman Regan's statements were unfounded and unwarranted.

Duval Davidson, Director of the Texas Livestock Sanitary Commission, discussed the problems arising along the border in the control of ticks, durine, and other diseases. There was always a need, he said, for more funds to carry on the work of that organization.

Director Joe B. Finley made a motion which was seconded by Ray Canada to the effect that the action taken by the members of the Texas & Southwestern Cattle Raisers Association in withdrawing from the Sanitary Association at Kansas City be endorsed by the Board of Directors. The motion carried.

The following resolutions were unanimously adopted by the Board of Directors:

This Board of Directors has, during the life of the Association, been honored and entertained by many people in many places, but the courtesy and kindness of our Laredo hosts has never been and can never be exceeded, and this meeting in Laredo will never be forgotten by us.

We are deeply grateful to our Vice-President, Lonnie Gates, and his lovely wife, and to our fellow Director, Albert Gates, and his charming wife, and to all of the

*Texas and Southwestern
Cattle Raisers Association
Seventy-Fifth
Annual Convention
Fort Worth, March 17-19, 1952
Headquarters Texas Hotel
Make your hotel reservations early*

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COMBAT PNEUMONIA (Shipping Fever) MORE EFFECTIVELY WITH GLOBE SULFA-SOLUTION

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FORT WORTH, TEXAS
Kansas City • Denver • Life Rock • Memphis
Artesia, Calif. • Sioux City • Calgary, Can.

people of Laredo and Nuevo Laredo for their outstanding exhibition of genuine hospitality.

On the evening preceding the directors' meeting the directors and a number of guests were entertained at Nuevo Laredo at a dinner given by A. E. Gates, Honorary Vice-President, and Mrs. Gates, and by their son, Albert E. Gates and his wife. There were a number of prominent guests present from Mexico at this dinner.

The following 344 people rendering 24,470 cattle, were elected to membership in the Association:

TEXAS

Angelina: D. L. Ruak, Southern Pine Lumber Co.; Archer: A. J. DeMoss; Atascosa: Mrs. A. E. Beckmann, Earl Cotton, Eulan C. Cox, J. M. Thompson; Bandera: E. Haskins, Benson Kretzmer; Bastrop: A. Buckle & Lancaster; W. W. McAllister Ranch; Baylor: Arledge Ranch; Bee: G. C. Gillett, H. V. Olsen, B. K. Tindol & Son; Bexar: N. C. Bell, Walter W. Classen, I. A. Nor'an, John W. Starish, John P. Warner; Bell: Doyle Harrison; Blanco: Geo. W. Pearce; Bowie: Robert J. Browning, C. L. Calvit, Farris Bros., Delbert Farris, Robert L. Lenoir, Ray A. McKnight, Homer McMillan & Son; Brazoria: Mr. and Mrs. Weldon Bailey, James P. Phillips, Jr.; W. L. Richardson Estate; Brazos: Donald S. Foster, W. W. Humphries, D. W. Williams; Brewster: Sam Wincham; Burleson: Sam Gaines, Mrs. Ella Hueke; Burnet: Buckner Ranch for Boys, E. W. Massingill.

Calhoun: Blake & Zwerschke; Callahan: Howard Chatham; Cameron: Jake Hamilton, A. L. Lytton; Chambers: G. Hinman; Childress: M. S. Wells; Collin: Fred L. Bush, Robert R. Shaw, Spencer Smith; Colorado: Charlie Herder, Jr.; J. Rob Meadows; Cooke: Wendell Proffitt; Cottle: W. C. Trubenbach, Tony Trubenbach, Jr.; Coryell: E. G. Beerwinkle; Cottle: W. S. Hentley, Jr., J. A. Marr, Joe Schaded; Crockett: Embree H. Hunt; Crosby: Melfon F. Hancock, F. W. Hoople; Dallam: S. E. Brown, J. F. Hesse, Tassie & Dick Silberberg; Dallas: L. F. Blanton, C. H. Daves, James E. Kemp, M. R. Lesley, S. P. Lesley, Lee McFarland, H. H. McInish, R. E. Reading, Walter Rogers, Dr. M. S. Seely, Luther Tolbert, Viking Farms, W. M. Wilson & Son; Dawson: L. D. Rodgers; Denton: John Blair, Jr., William Howard Butler; DeWitt: Curry, R. L. Donald, Jr., Stanley Dozier, Howard Foster, L. C. Frasier, J. P. Heath, T. L. Jaggars, T. W. King, Jr., W. B. Love, Joe Morgan, R. E. Mullins, Jr., Dot H. Sexton, Clifford Stockard, Henry Taylor, M. E. Tittle, R. J. Wilkins; DeWitt: O. G. Probst, James A. St. John; Dickens: L. D. Cravey, W. M. Hazel, A. J. Richey; Duval: R. L. Adams.

Ellis: L. & S. Ranch; El Paso: Border Cattle Co., Inc.; Erath: D. F. Medford; Fannin: Reed & Wood; Fort Bend: W. A. Gless, R. L. Yelderman; Frio: A. L. Hester, Ernest A. Moody, W. E. Stacy; Galveston: J. W. Satterthill; Garza: J. B. & Ruth Satterthill; Gillespie: Walter B. Bierschwaile & Son; Grayson: Hughes & Clark, C. A. Sherrard, J. A. Smith; Gregg: C. F. Ketchum; Grimes: Lee L. Denena; Guadalupe: John A. Baughman, Tucker Holloman; Hardin: E. H. Mauboules, G. G. Mauboules, John R. Williams; Harris: Ray K. Bullock, L. D. Cain, Earl A. Gregg; Robert W. Henderson, Houston Bank for Cooperatives, John T. Jones, Jr., Joe Knesek, A. R. Kuehne, Thomas H. Langham, J. A. Marshall, Otis Morrow, H. Gardiner Symonds, C. E. (Jack) Tooke; Harrison: Marshall Wood Preserving Co.; Hays: J. C. Hamill; B. C. Norman; Henderson: Lester Kinabrew, Jr., J. W. Lewis & Sons, W. R. Nowlin, L. L. Phillips, George Rash, Jess Sweeten, Woodrow Walker; Hidalgo: St. Peters Novitiate, Eftren Rivas, A. J. Vanderpool; Hood: Mason & Puttist; Hopkins: Mrs. Curt Branom, B. T. Lilly, Jack Worham; Houston: Lee Knox, J. T. Lang, J. D. Woodward; Hunt: J. P. McNatt, Ferney Southall; Hutchinson: W. S. Shipley.

Jackson: George Hutchens & E. H. Simons; Jefferson: T. J. Fortenberry, G. J. Jim Wells; Jim Wells: A. A. Gless, R. L. Yelderman; J. B. Raymond, Rolling Hills Ranch; Jones: G. C. Carothers, J. B. Terrell & Son; Karnes: G. J. Jonischick, L. K. Szezanik; Knox: John R. Porter; Lamar: George Fuller, M. D. Miao, Davis Philley, Wayne Williams; Lampasas: Campbell Ranch Co.; Lavaca: J. H. Gerdas; Leon: John H. Moore, Louis J. Sadler; Liberty: D. C. Die, Phil Silva, J. L. Terrell; Lynn: Ray Adams, G. Q. Hensley, A. A. McNeely, George Claud Wells.

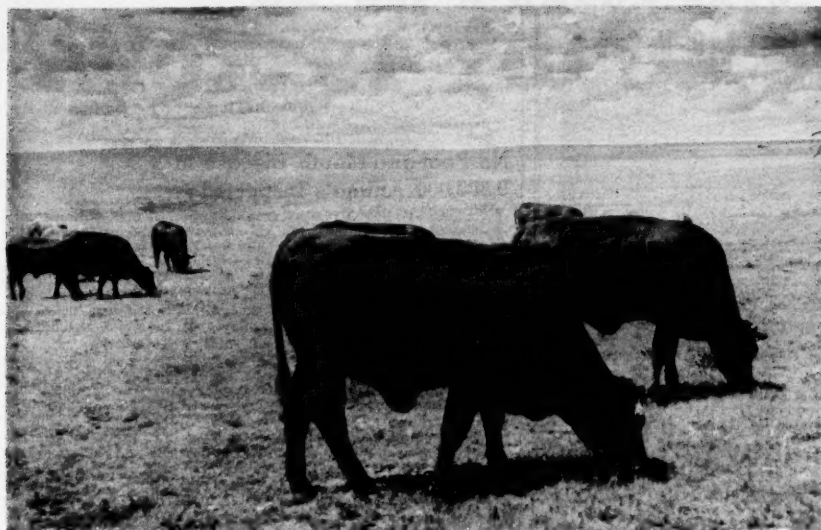
Madison: Walter O. Mooley; Matagorda: Gregg Laurence; McCulloch: Edmiston & Son; McLennan: W. W. Callan, J. W. Jennings; Medina: W. L. Mitchell & Son; Midland: Sherwood O'Neal; Mills: J. Robert Bailey, H. G. Garrett, P. H. Perry, Jr., Frank Vansa; Mitchell: Delmar L. Love; Montague: George M. Rucker; Montgomery: S. H. Malone, Mrs. Gladys Requardt, La Verne (Toby) Smith; Moore: Carl D. Beauchamp; Nueces: James T. Buck; Ochiltree: C. A. Hoover, W. H. Lance, D. C. Wilson; Palo Pinto: Elvin Crow, Jr., Watson & Houston; Parker: J. D. Duncan; Polk: Fred Lester; Potter: C. C. Bridges, Carl Lee Funderburg, Sr., Schooler & Eastman, Leslie Stephens, Jack Swann; Red River: Sam Barnard, G. W. Bartlett, Herman Belcher, Bill Bivins, A. L. Buckman, C. B. Chandler, Gibson & Sons, Jennie Gray, Dr. R. A. Grayson, R. D. Hanson, William Rozell, M. R. Trimm, R. S. Ward; Roberts: Bill Gill, Cecil Gill; Wallace L. Locke; Robertson: Kelly Simons.

San Patricio: Brown & Detert, C. R. Kretzmer; San Augustine: W. L. Griffin; Sevier: H. M. Murphy, Arlie Taylor, Arthur Townsend; Shelby: T. E. Morrison, Weaver Bros.; Smith: Alvin N. Hanna, M. H. McMurrey; Tarrant: Cagle & Orr, H. Ward Collier, Sr., Bruce Davis, C. J. Earle, W. O. Ferguson, J. W. Folmar, R. A. Gleichen & Sons, Jack N. Greenman, Blythe W. Harrison, L. J. Hunt, Sherwood O'Neal; Tarrant: J. B. Terrell & Son; Terrell: M. G. Reeves, L. R. Scott, W. V. Scott, E. C. Team & Son, Geo. L. Thomas, W. G. Thomas, Wilson F. Wood, Olen W. Yandell; Travis: R. C. Ammann, Jr., R. W. Bridges, Charlie F. Fuller, B. N. Holman, E. H. Smart; Trinity: Lynn Evans, M. L. Richards; Uvalde: R. S. Dismukes, Victor F. Niemeyer, Cecil Reagan; Van Zandt: Billy Deen, John R. Martin, Robert R. Scott, John R. Windle; Victoria: Rubin Freis, W. A. Gebhardt, Hambleton Bros., C. J. McCollum, M. D.

Walker: L. J. Craig; Webb: J. M. Anales, M. D.; Wheeler: Glynn Bell, H. H. Hudgins, Jno. C. Breeding; Wichita: H. H. Cattle Co., W. B. Hudson; Wilson: Paul Casares, Harry H. McFarland, Victor C. Mercier; Wise: R. D. Grantham; Young: Eugene Knappenberger, Bert Richards, V. W. Willis.

OKLAHOMA

Atoka: J. H. Horn; Carter: Jimmy Pat Whitfield; Choctaw: Billy Arledge, W. J. Bryant; Custer: W. H. Choston; Delaware: Robt. T. Jackson; Ellis: Kenneth T. Davis, Perry Town; Garvin: Harold P. Gibson; Jefferson: Mrs. W. O. Coats, Ed. Detrick, O. W. Huber, Ellie Miller; Johnston: Audie R. Coker, D. D. H. Moore, Joe Parnell, M. Rutherford & Son; Kay: Wm. O. Livermore; Kingfisher: Wm. Schroeder; McCurtain: B. C. Burwell, Coleman Stuart, Mr. and Mrs. Dee Woolley; McIntosh: E. C. Hopper, Jamezay & Lauson, R. L. Simpson, Jr.; Murray: Grant Bros., Perrin Grant, S. J. Oliver, W. L. Swanson, Tom Youngblood; Pontotoc: B. E. Easterling, Bill Fleming; Okfuskee: Henry W. Cousins; Osage: T. E. Allen, Nuel Gray, E. E. Lewis; Stephens: Jack Bethany; Tulsa: Joe F. Haines; Washington: Elmer L. Galt, John G. Phillips, Jr.



SECOND CALF IN 10 MONTHS

The heifer in the foreground is *Senorita Canelita*, a half-sister of *Don Canelo*, the first calf dropped on our Colorado ranch. They are from the same dam—and dropped only 10 months apart! This un-retouched photograph of a group of BEEFMASTER heifers was taken at Matheson last August.

BEEFMASTERS Have It Where the Packers Want It

1952 Cow-and-Calf Contracts Soon

Contracts for our 1952 cow-and-calf sale will be ready soon. Write if you want a copy of this contract. If you have not received a copy of the 1953 Beefmaster Plan calf contract, we shall be happy to send you a copy of this also.

BEEFMASTER Pictures Wanted

Authorized BEEFMASTER breeders who have good pictures of their BEEFMASTERS are invited to send them to us for use in these monthly advertisements. Please include a history of the cattle in the pictures.

The packer has the last word in judging beef cattle. His scales and his grading tell how good any cattle really are. "Type on the hook"—there's the final result of all breeding.

In breeding BEEFMASTERS, a lot of attention has been paid to conformation—but only those points of conformation that bear directly on the dressing percentage and the dressed beef grade. In dressing percentage BEEFMASTERS will outyield many breeds about 4% to 5%. BEEFMASTER calves, raised under range conditions without supplemental feed, will yield about 60% to 61%. Grass-fat BEEFMASTER cows will yield about 59% to 60%.

We invite you to see BEEFMASTERS on the range. If you're in Colorado, stop by our ranch at Matheson. And write too for illustrated folder telling all about BEEFMASTERS.

Lasater **BEEFMASTERS** *The American Cattle*

A Hereford-Shorthorn-Brahman Blend—the result of a continuous, constructive breeding program since 1908

Trademark "LASATER BEEFMASTER" registered U. S. Patent Office
RANCHES: Falfurrias, Texas; Matheson, Colorado.

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"This Fence on C. W. King's Farm—Fronts on Highway 59 Four Miles North of Jefferson, Texas. Now in Service 20 Years and Still in Perfect Condition."

It's Built With Pressure Treated (SOUTHERN YELLOW PINE) Creosoted Materials

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We Can Furnish You With All of Your Farm and Ranch Needs . . . Such as Ranch, Field and Corral Posts - Barn, Light and Telephone Poles - Lumber for Building Foundations - Barns, Corral Fencing, Ranch, and Other Farm Uses. We Solicit Your Inquiries for Your Particular Needs.



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COLORADO

Denver: Fulton & Foxley & Co.

NEW MEXICO

Bernalillo: Franciscan Hotel Corp.

No Foot-and-Mouth Disease in 9,500,000 Animals Inspected

INSPECTION of livestock and detection of sick animals continued in November to be the principal work of the Mexico-United States Commission for the Eradication of Foot-and-Mouth Disease, according to its Director and Co-Director, Licenciado Oscar Flores and Dr. L. R. Noyes.

Herds inspected, each averaging about 60 animals, numbered 158,774; the total of animals inspected was 9,582,039. Sick animals were found in 15,985 herds, or about one herd in every ten.

Sick animals reported by the cooperation of the people numbered 7,060, or 44 per cent. This is lower than in previous months, when reports by the people ran over 50 per cent. Those found by routine inspection were in 8,925 herds, or 56 per cent.

The Commission is vitally interested in animals having abnormal conditions of feet, mouth, and teats, and veterinarians inspected 203 herds having animals with such conditions. Field diagnosis eliminated most of these cases, but 12 samples of tissue material were taken from eight herds in five states for laboratory and biological analysis. Eight of the twelve samples proved upon test to be vesicular stomatitis, five of the Indiana type and three of the New Jersey type. Four samples were negative. None showed foot-and-mouth disease.

The Commission continued to taper off on personnel, reducing from 1,965 to 1,924 during November. U. S. manpower in the Commission decreased by 11, from 514 to 503.

Dr. Roque Ramirez Moza of Paraguay, a veterinary technician connected with the Point IV program of agricultural assistance, is spending six months with the Commission to study all aspects of its operation.

OPS Revises Cottonseed Feed Ceilings

IN a move to relieve the critical situation facing livestock growers and feed dealers in Texas, Oklahoma and other southwestern and western states caused by local shortages of cottonseed feed products, the Office of Price Stabilization has authorized dealers to add increased transportation costs to their retail ceiling prices.

F. C. Tomlinson, chief of the OPS food division, Region 10, said that the revision of supplementary regulation 31 to the general ceiling price regulation is expected to alleviate shortages by permitting dealers who must bring in feed from other parts of the country to add the amount of the increased freight to their ceilings. Under the OPS emergency adjustment, dealers can add on the difference between these increased costs and the average of feed transportation costs during the base period of December 19, 1950, to January 25, 1951.

Price ceilings generally are established on local production with moderate, or in some cases no, freight or haul charges included. However, Tomlinson said, many southwestern feed dealers are now forced to obtain their supplies from surplus feed areas, principally the southeastern states, resulting in large increases in transportation costs. The revision to Supplementary Regulation 31 should result in dealers now being able to build up their feed stocks to supply their customers without undue financial hardship.

Tomlinson estimated that many dealers, without the relief provided by the emergency OPS action, would lose from \$3 to \$5 a ton on the feed they import from other sections of the country.

Growers have been feeding record numbers of livestock this year as much as 40 days earlier than usual, creating a heavy drain on local supplies of cottonseed meal, hulls, pellets, and slab and sized cake. Tomlinson indicated that there was no actual shortage of cottonseed, particularly in cotton producing areas, but that mills operating around the clock at full capacity were still unable to crush seed fast enough to meet the enormous demand.

The extreme drouth and insect infestations which were prevalent throughout the southwestern states and in some of the western states last summer greatly reduced local feed stocks and heavily damaged pastures and ranges. Because of these adverse conditions, livestock have been fed much earlier and heavier. The OPS felt, according to Tomlinson, that unless a large volume and maximum availability of cottonseed feed

MR. ALF A GREEN SAYS:
PROTECT YOUR CATTLE



*from that dread
 DISEASE!*

feed them ...
TEXO RANGE FEEDS

(FORTIFIED with ALFAGREEN)

A new and rapidly spreading livestock illness—white muscle disease—is killing large numbers of cattle in Texas, according to a story carried recently in the Dallas Morning News.

Dr. C. M. Patterson, extension veterinarian of Texas A&M College, attributes the disease to a lack of Vitamin E found in green grasses, well-cured hay and most varieties of grain. Apparently this vitamin does not exist in sufficient quantities in dead, drouth-stricken pasture grasses, he said. The available supply of Vitamin E has become critical with the disappearance of green grazing. Large animal losses have resulted. The disease is almost 100% fatal. Lack of the vitamin causes a breakdown of muscle tissue and a bleaching out of blood supply. Feeding good quality hays and grain supplements must be started in affected areas to prevent further severe losses, Professor Patterson warned.

PROTECT YOUR CATTLE FROM THIS DREAD DISEASE . . .
FEED THEM TEXO RANGE PELLETS, FORTIFIED WITH
ALFAGREEN, NOW!

Visit the **TEXO BOOTH** at the **FAT STOCK SHOW**, January 25th through February 3rd. Let it be your show headquarters.

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TEXO Hired Hands With Ted Gouldy

TEAM UP WITH

**TEXO
 FEEDS**

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BURRUS FEED MILLS
FORT WORTH, TEXAS

"Idle Dollars-- Like Barren Cows DON'T PRODUCE a PROFIT"



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With

BETTER PASTURES

The best way we know to assure them
is through the consistent use
of a CALDWELL

GIANT
Brush
CUTTER

Manufactured by the Pioneer of the
Brush Cutter field—

E. L. CALDWELL AND SONS

CORPUS CHRISTI • TEXAS

products was assured, the heavy depletion in feed supplies might cause a reduction in the supply of beef and lamb since many animals may be sent to market too soon.

States particularly distressed by cottonseed protein and hull shortages at the present time include, in addition to Texas and Oklahoma, California, Nevada, Utah, Colorado, New Mexico and Arizona.

As an example of the relief formula provided under the OPS emergency action, Tomlinson cited the theoretical case of a dealer having a ceiling of \$90 per ton on cottonseed meal, this being the highest price at which he sold the commodity during the base period to a particular type of customer. During this period, his average freight costs were \$3 a ton. If the dealer ships in cottonseed meal at freight costs of \$10 a ton, the difference between the latter cost and the previous average cost—in this case, \$7 a ton—may be added to the original ceiling price of \$90 a ton for the meal, making a revised authorized ceiling price of \$97 a ton.

This new ceiling applies only to the shipment with the \$10 a ton freight or hauling costs.

If the dealer buys from a point with a lower freight rate, his ceiling will be figured according to the same method, using the lower freight costs. The revised ceiling will not apply to cottonseed feed products which the dealer already has on hand, nor to those produced in his own mill. A dealer who has not had an increase in his freight or hauling charges may not increase his ceiling price above that established during the base period.

Cottonseed feed products imported into the United States are not affected by the regulation. Importers and other sellers may add their freight to their costs at port of entry and then compute their ceilings using the markups allowed under the general ceiling price regulation.

Cattle Feeding Situation

THE volume of cattle feeding in the United States during the coming winter and spring will probably be larger than last year, the Bureau of Agricultural Economics reports. The movement of stocker and feeder cattle into the Corn Belt during November was nearly as heavy as November, 1950, which was a record for the month. The July-November inshipments were 12 per cent above last year and the second highest on record. Cattle feeding in nearly all of the Corn Belt states will be as large or larger than a year ago. Large quantities of soft corn, especially in the western Corn Belt, have maintained the demand for feeder cattle, though inshipments did slacken somewhat during November.

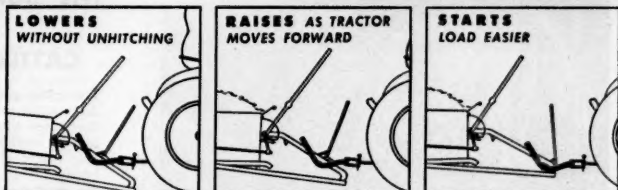
Cattle feeding in most of the western states will be as high or higher than a year ago, with California and Colorado feeding a record number. Wheat pastures from Texas to Kansas have not developed satisfactorily and the number of cattle on wheat pastures in this area is reported down from last season.

Shipments of stocker and feeder cattle into the eight Corn Belt States in November were 5 per cent less than the record number of a year ago. The total movement, however, for the July-November period was 12 per cent above the same period last year and was exceeded only in 1949. Total inshipments for the five-month period were 2,335,000 head, compared with 2,087,000 head last year. All of the eight states showed increases except Indiana where shipments were down less than 1 per cent. Shipments into Iowa, the leading cattle feeding state, were up only 2 per cent, but were up 11 per cent in Illinois and 38 per cent in Nebraska for the five-month period. Other states showing increases were Minnesota, up 12 per cent; Ohio, up 29 per cent; Wisconsin, up 16 per cent; and Michigan, up 99 per cent. In Michigan the number involved is relatively small. Feeder cattle shipments from public markets were above a year ago for South Dakota and Missouri and below last year for Kansas.

For the western states as a whole, cattle feeding is on a higher level than last year. California feeding operations are at a record high. On the basis of a survey conducted about December 1, the number on feed in California is estimated at 454,000 head, 52 per cent above December 1, 1950. Of the total on feed, 434,000 head are estimated as being in drylots, with 20,000 head being fattened on field feeds and irrigated pastures. The increase has occurred in both the southern and northern parts of the state, but it was the greatest in the southern area. Colorado, the second most important western cattle feeding state, will also feed a record number of cattle this season. All of the increase is expected in the northern part of the state, with other areas having about the same number as last year. In the North Platte Valley of eastern Wyoming and western Nebraska, the number of cattle to be fed will exceed the number fed last season. Arizona has a substantially higher number on feed than a year ago. In the Pacific North-



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THE SUPERIOR SELF-RATIONING SUPPLEMENT CATTLE WILL NOT OVER-EAT

The main problem with a supplement to be self-fed is that cattle may over-eat. You do not have to worry on that score when you feed Winter Garden P.V.M. You can place a week's or month's supply in a self-feeder and know that cattle will take just what they need. In our tests at Shahan Angus Ranch we found that cows consumed $2\frac{1}{2}$ to $3\frac{1}{2}$ pounds of Winter Garden P.V.M. per day in winter. Then on spring range they consumed only 3 to 5 ounces per cow per day. As the range forage decreased in quality the cows consumed increasing amounts of Winter Garden P.V.M.

CUTS FEEDING LABOR COST

On large ranches the feeding labor cost is a big item. By self-feeding Winter Garden P.V.M. you can save \$4.80 or more per head per year in feeding labor, based on an hourly rate of 55 cents . . . and at the same time produce more beef per acre.

BIGGER GAINS—BIGGER PROFITS

Calves from dams fed Winter Garden P.V.M. continuously on range weighed from 25 to 50 pounds more at weaning than calves from dams not so fed . . . and all at a cost of a trifle over 2 cents per day. That's getting extra beef at a cost of about 7 cents per pound . . . which certainly boosts profits greatly.

WRITE OR WIRE FOR FURTHER DATA AND
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Grass is the basic factor in low cost beef production. Grass alone, subject to the vagaries of the weather, cannot build the amount of beef that can be produced when grass is properly supplemented. In spring when grass is lush and growing rapidly, little supplement is needed but the demand grows as the grass becomes mature and dry. Since Winter Garden P.V.M. can be self-fed it makes an ideal supplement, since cattle naturally increase their feed intake as they need it. Our feeding tests at Shahan Ranch proved this fact very conclusively. That is why Winter Garden fed cattle hold their flesh so well and calves put on those big gains.

Test records show that by feeding Winter Garden P.V.M. we obtained heavier better conditioned cows and heavier calves. Our cows and calves per pair cost us \$18.41 to produce in 1951 even in one of the worst drought years Southwest Ranchers have ever experienced. In ordinary years the cost per cow and calf should average from \$12 to \$16 per pair.

Winter Garden P.V.M. is available in three protein levels to meet nutritional requirements at different times of the year. Placed in covered self-feeders a 30-day supply of Winter Garden P.V.M. can be put in the feeder without danger of spoilage or of cattle over-eating. With Winter Garden you can be sure your cattle get the proteins, vitamins, and minerals they need.

Winter Garden PVM

Available in 12% Protein For Year Round Feeding
In 16% And 20% Protein
For Poor Range Conditions

BUY IT ONCE—YOU'LL NEVER BE WITHOUT IT!

Note To Feed Dealers
Franchises For Winter Garden PVM In Desirable Territories Still Available.

WRITE, WIRE, OR
PHONE FOR
DATA!



LA PRYOR, TEXAS

about *Winter Garden* **PVM**

The NEW, SELF-RATIONING
Protein—Vitamin—Mineral Supplement
They may sound unbelievable —
but they are true.

1. Cattle, Sheep, or Goats will NOT over-eat. They are never undernourished because PVM furnishes needed protein, vitamins, and minerals to supplement grass and helps assimilation.
2. Safe and easy to feed in large self-feeders once a week or once a month depending on the size of the herd.
3. Saves feeding labor and wear and tear on ranch equipment by eliminating many trips to pasture.
4. All animals get their share because the very nature of Winter Garden PVM makes it a self-rationing product.
5. Brood animals give more milk and remain in better body condition.
6. Young weigh heavier at weaning.
7. Extra meat or wool produced off-sets many times the cost of Winter Garden PVM.
8. Winter Garden PVM will definitely make dry cows, steers and muttons add more weight then on grass.
9. Cost of feeding Winter Garden PVM is less per head if kept available, free-choice to livestock.

**NO ADDITIONAL SALT, MINERALS OR PROTEINS NEEDED.
IT'S ALL IN ONE PACKAGE . . .**

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★★ 30 good quality ½ blood Brangus yearling heifers. These heifers will develop into a real bunch of mother cows.

★★ We now have some good ½ and ¼ blood bulls to offer.

★★★ The above heifers and bulls have all been enrolled in the American Brangus Breeders Association.

We'll See You at the
NATIONAL BRANGUS SALE
SAN ANTONIO LIVESTOCK EXPOSITION
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Visitors Always Welcome

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Pearsall, Texas

west, both Washington and Oregon will have less cattle on feed than last season.

The number of cattle on wheat pastures in the Great Plains States is down considerably from last year. In western Kansas, wheat pastures have been slow to develop with a limited movement of cattle so that numbers are far below normal. Wheat pastures in northwest Texas are supplying only fair feed.

Feed supplies are reported to be somewhat short in the Pacific Northwest and the Southern Plains region. There are fairly large quantities of low quality corn in northern Illinois, Wisconsin, Minnesota, South Dakota, Iowa, Nebraska, and northern Missouri. This corn will need to be fed rather rapidly to livestock. In the Western States, sugar beet pulp and by-products are in shorter supply this season than last year. Hay supplies are ample in most areas except the Southwest and local areas of the West.

During the July-November period, the number of calves shipped from five markets was unchanged from a year ago and made up 24 per cent of the total stocker and feeder cattle and calves going to the country. This was about the same as the proportion last year. The number of heavy feeder steers weighing more than 900 pounds was down slightly, while the number of lightweight steers was somewhat greater.

Texas Cotton Crop

THE Texas cotton crop is estimated at 4,100,000 bales by the Crop Reporting Board of the Bureau of Agricultural Economics in its final report for the year. The December estimate is nearly five per cent below that of a month earlier but is more than a third larger than the 1950 crop and the 1940-49 average of 2,946,000 and 3,049,000 bales, respectively, and the largest since 1937, excepting the record of 6,040,000 bales in 1949.

Average yield per acre, computed at 167 pounds, is substantially below the 211-pound yield in 1950 and the 10-year average of 181 pounds. Acreage in cultivation on July 1 is placed at 12,486,000 acres with 11,800,000 acres harvested and to be harvested, indicating 5.5 per cent loss of acreage from natural causes.

Only in the northern High Plains, Northeast, Trans-Pecos, upper Coastal and Lower Valley counties were yields this year above those of 1950, with all of these except the Northeast also being above the respective 10-year averages. Very poor crops were produced in other dryland districts, with yields in the southern Low Rolling Plains, Cross Timbers, Edwards Plateau and Coastal Bend districts being less than one-half their respective averages. Severe drought and prolonged periods of extremely high temperature were the principal causes of the small outturn as insect damage, generally, was light this year. Acreage for harvest is lower than indicated earlier, partly because of a larger abandonment than was anticipated.

Weather during November was generally favorable for cotton harvest and by December 1 the bulk of the crop had been harvested except in the High and Low Rolling Plains and the Trans-Pecos districts.

DETAILS BY STATES

| STATE | Acreage Harvested ¹ | | | Lint Yield Per ² | | | Production (Ginnings) ^{3, 4} | | |
|---------------------------|--|-------------------------|---|---|---------------------------------|-------------|--|---|---|
| | Harvested Acre ¹ | | | Harvested Acre ² | | | 500 Lb. gross wt. bales | | |
| | Aver- age 1940- 1949 Thous. Acres | 1950 Thous. Acres | 1951 (Dec. 1 est.) Thous. Acres | Aver- age 1940- 1950 est.) Lb. | 1951 (Dec. 1 est.) Lb. | 1949 Lb. | Aver- age 1940- 1949 Thous. Bales | 1950 Crop (Dec. 1 est.) Thous. Bales | 1951 Crop (Dec. 1 est.) Thous. Bales |
| Missouri | 424 | 435 | 490 | 424 | 278 | 312 | 375 | 254 | 320 |
| Virginia | 29 | 18 | 21 | 389 | 120 | 365 | 24 | 4 | 16 |
| N. Carolina | 753 | 559 | 690 | 359 | 149 | 382 | 579 | 181 | 550 |
| S. Carolina | 1,108 | 865 | 1,045 | 308 | 224 | 394 | 707 | 405 | 860 |
| Georgia | 1,499 | 1,030 | 1,400 | 239 | 227 | 321 | 738 | 488 | 935 |
| Florida | 40 | 31 | 65 | 173 | 226 | 258 | 14 | 14 | 35 |
| Tennessee | 716 | 630 | 775 | 376 | 310 | 333 | 559 | 409 | 840 |
| Alabama | 1,635 | 1,305 | 1,460 | 275 | 212 | 303 | 919 | 575 | 920 |
| Mississippi | 2,419 | 2,030 | 2,330 | 326 | 314 | 333 | 1,644 | 1,332 | 1,620 |
| Arkansas | 1,980 | 1,670 | 2,070 | 343 | 313 | 290 | 1,414 | 1,090 | 1,255 |
| Louisiana | 904 | 715 | 920 | 281 | 287 | 400 | 527 | 426 | 765 |
| Oklahoma | 1,380 | 795 | 1,450 | 173 | 145 | 149 | 511 | 242 | 450 |
| Texas | 7,883 | 6,700 | 11,800 | 181 | 211 | 167 | 3,049 | 2,946 | 4,100 |
| New Mexico | 148 | 170 | 320 | 490 | 526 | 425 | 151 | 187 | 284 |
| Arizona | 228 | 275 | 555 | 449 | 925 | 741 | 222 | 474 | 860 |
| California | 458 | 581 | 1,290 | 600 | 805 | 657 | 584 | 978 | 1,770 |
| Other States ⁵ | 18 | 13 | 17 | 405 | 246 | 286 | 16 | 7 | 10 |
| United States | 21,622 | 17,843 | 26,698 | 266 | 269 | 274.5 | 12,030 | 10,012 | 15,290 |
| Amer. Egypt ⁶ | 56.0 | 103.2 | 60.7 | 301 | 298 | 365 | 25.4 | 64.2 | 46.3 |
| Texas | 7.5 | 42.2 | 24.0 | 363 | 314 | 340 | 4.1 | 18.9 | 17.0 |
| New Mexico | 7.9 | 16.5 | 14.4 | 326 | 328 | 290 | 3.5 | 8.2 | 9.0 |
| Arizona | 41.0 | 44.0 | 22.0 | 265 | 402 | 435 | 17.7 | 36.9 | 20.0 |
| All other | — | 5 | 3 | — | 168 | 447 | — | 2 | 3 |

¹Acreage and yield data for 1944 through 1950 are as revised on the basis of the 1950 Census enumerations. Production revisions were made in Alabama and Florida in 1949 and 1950 only. The United States production remains unchanged.

²Allowances made for interstate movement of seed cotton for ginning.

³Illinois, Kansas, Kentucky, and Nevada.

⁴Included in State and United States totals.

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Producers of **CERTIFIED MILK**

ST. CHARLES PARISH
TAFT, LA.

November 9, 1951

Dr. J. B. Johnston,
Director of Nutritional Research,
Bewley Mills,
Fort Worth, Texas.

Dear Sir:

In recent months we have heard much talk concerning the control of Bang's Disease in Cattle.

We have been in the Certified Milk business in the Gulf Coast area for a number of years. We are, at the present time, operating four separate dairy herds. We have religiously practiced calfhood vaccination, and have never purchased an animal without a Bang's Test. Our cattle are Bang's Tested four times each year, and all reactors are removed. In spite of this we rarely run a test without finding some reactors.

Three years ago you persuaded us to put one of our herds on your Bewley's Anchor Fitting Ration. This is to let you know that during this period of time on Bewley's Anchor Fitting Ration we have never had a reactor or even a suspect in this herd. During this same interval, we have never run a Bang's Test on our other three herds without finding one or more reactors in each herd. Since all of these cattle are under the same management, subjected to practically the same conditions, and are located in the same area, we can only account for this by saying that your feed gave results we have been unable to obtain by any other means recommended to us, and at a much lower cost.

Very truly yours,

S. J. McClendon
S. J. McClendon, Mgr.



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FEEDING BEWLEY'S ANCHOR FITTING RATION
IS LIKE BRINGING EARLY SPRING PASTURE
TO YOUR ANIMALS THE YEAR ROUND.

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For the hardest wear you can give your boots, Justin originated this super-wear style. REVERSE Retan vamps . . . the same leather as the U. S. Army combat boots. Smooth natural-colored leather lined tops. Vamps side lined for extra comfort, longer wear. You get extra value with Justin Boots, built to take the hardest wear. Twenty-three styles to choose from. Ask for Justins.

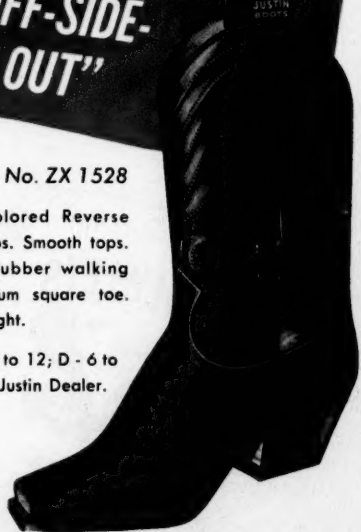
"If your dealer does not have the style or size you want, he will be glad to order them for you from stock or to your individual measure."

Justin's
"RUFF-SIDE-OUT"

Style No. ZX 1528

Natural-colored Reverse Retan vamps. Smooth tops. 1 1/2-inch rubber walking heel. Medium square toe. 12-inch height.

SIZES: B - 7 to 12; D - 6 to 12 at your Justin Dealer.



H. J. JUSTIN & SONS, Inc.
FORT WORTH, TEXAS

Standard of the West since 1879

From Longhorns to Modern Beef Breeds

Livestock Shows Have Played an Important Part in Developing Modern Type Beef Cattle

By FRANK REEVES

THE story of Longhorn cattle in Texas has been told repeatedly in most sections of the United States in prose, verse, song and on the movie screen. All of these narrators have done ample justice to the color, adventure and excitement incident to this group of animals while being chaperoned on the range lands by an equally colorful group of individuals, Texas cowboys.

While the Texas Longhorn is but a memory of the ranching industry, his influence on the economic life of Texas in particular and the entire beef cattle industry of the United States is much greater and more far reaching than most people realize. Not only has this influence had a pronounced bearing on beef making in Texas, and this influence lives on, it has attracted and entwined itself to many segments of industry throughout the nation.

The importance of cattle and the meat they furnish has long been recognized by those invading frontiers or battling armed forces in or from foreign lands. After Columbus discovered the New World in 1492, he made his second voyage in 1493 and he brought with him domestic cattle from Spain and placed them on the island of Santo Domingo as seed stock for foundation herds. History tells us that the first cattle landed on the American continent were brought to Vera Cruz from Santo Domingo by Don Gregorio de Villalobos in 1521 and landed at Vera Cruz as part of a program for conquering Mexico.

These cattle thrived and multiplied rapidly and years later their descendants entered Texas. When a chain of missions that extended through Texas to California was established, a supply of cattle was sent to each mission. In most instances these mission-owned herds did well in their new homes. Some of these cattle strayed from the mission ranges and others were lost while being sent to the missions. These cattle that came from Mexico in one way or another were the foundation stock for the eventual millions of Longhorns that were destined to write one of the most fascinating chapters in beef cattle history.

Recounters of the early-day cattle history of Texas, while in different moods, have criticized, villified, glorified and idolized the Texas Longhorn and his pronounced characteristics. Be that as it

(Continued on Page 36)



Longhorns, such as the one pictured, roamed the prairies in the early days.—Photo by Brininstool.



Hereford Steer



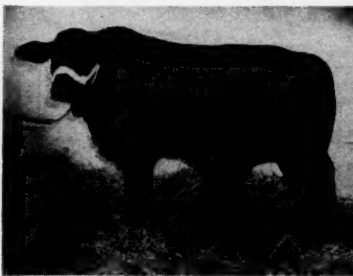
Aberdeen-Angus Steer



Shorthorn Steer



Santa Gertrudis Steer



Brangus Steer



Brahman Steer

Roads North

By HOBART E. STOCKING

TEXANS were land-poor. The first constitution had awarded every family-head a league and labor of land (about 2½ square miles) and for the time and place this was too much acreage for efficient utilization. In those days cattle, branded and unbranded, were everywhere—a legacy from the Conquistadores. Anyone who entered ranching was immediately faced with the problems and expenses of maintaining a Longhorn lounge since the market for cattle was very meager.

For a time, the sale of cowhides seemed the answer. Although no one was interested in beef, eastern markets welcomed beef hides for leather manufacture. It did not require many hardworking men to saturate this market and eventually a great many cowhides bought few beans and even fewer boots. Cowmen were both cow-and-land poor.

Longhorns were never sluggish with excess fat but even the leanest among them carried a little. Eventually tallow factories dotted the gulf coast and daily hundreds of beeves were melted to tallow, with tough hides as a by-product. In these days of dollar-a-pound meat, such waste seems scandalous but in those times every Texan had more meat than he could possibly use and there was an eastern market for tallow.

By 1842, ranchers began driving stock to Galveston and New Orleans for shipment to outside markets—Mobile, Florida or Cuba. Prohibitive freight rates quickly strangled these outlets and four years later Edward Piper made the speculative drive of a thousand steers to Iowa markets.

Prior to the War Between the States there were intermittent drives to northern markets but not many venturesome individuals following Edward Piper's example were willing to risk the dangers of the trail and the uncertainties of markets at the other end. Moreover, there was another hazard which soon closed the road north.

Every South Texas cow, calf, bull and steer supported a colony of ticks which carried tick fever from animal to animal. Those which survived gained immunity but they were lean from constant loss of blood to hosts of ticks and from the ravages of tick fever. When Texas stock went north, ticks went also. Lean Texas cattle could add hundreds of pounds in a northern tick-free environment but they left a trail of tick-infested land wherever they were driven. Ticks dropped

from passing steers could not survive a northern winter but trail driving was necessarily a spring and summer operation. As long as warm weather prevailed, the ticks were lethal to Missouri, Iowa and Illinois livestock. Eventually, armed bands of Missouri farmers stampeded and shot down the longhorned harbingers of misfortune. The road north was closed.

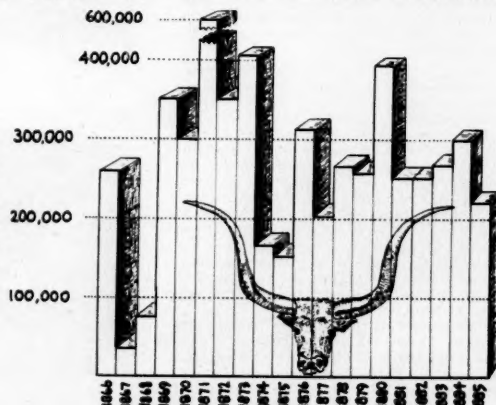
By 1860 there were three and a half million cattle in Texas—about six each for every man, woman and child, all of whom doubtless had plenty of meat but little else to eat and next to nothing to wear. While their owners were fighting the Yankees, Texas Longhorns devoted their energies to reproduction and to the support of ticks. By the time Texans felt the weight of carpetbaggers on their

shoulders a \$9.50 steer was worth \$38.40 in Kansas, \$40.19 in Illinois at the railhead and \$68.58 in New York pastures. Texas cattlemen had to export or burst at the seams of their thin butternut jeans.

In the spring of 1866 the Shawnee Trail was beaten out. It began in the vicinity of San Antonio where there were considerably more cows than dollars. There, rough men, determined to reverse the ratio, gathered trail herds marked by a hundred or more brands. Cattle of that time and place were wild stock. There were five-and six-year-olds which had smelled but had never seen man. The few that had experienced a laying on of hands had found the fleeting contact a painful one. They had suffered the burn of a large brand enscribed sometimes from bow to stern. It was an experience they did not care to repeat but with unlimited use of horsepower the cowmen prevailed and trail herds were each marked with a small road brand which would distinguish them from local stock encountered on the slow northward drive.

That year 260,000 head of stock crossed the Colorado above Austin, and the Brazos south of Fort Worth. That frontier post needed no Chamber of Commerce to boast that it was a cowtown then; it obviously was nothing else. Beyond Cowtown lay Red River and Indian Territory. This latter region was not then the hazard it was to become for

Cattle went over northern trails by hundreds of thousands, although not always to a profitable market. The chart is based on an 1885 estimate of the annual drives during the heyday of trail-driving.



drovers at a later date. It was not yet overpopulated with nomads and for them there was still a superabundance of buffalo which by any standard were better eating than beef.

The first herds to reach Baxter Springs, the end of the Shawnee Trail in southeast Kansas, had a warm reception from cattle buyers from Illinois and Iowa. The herds arriving later, and this included most of the quarter million beeves which went north that year, had yet a warmer reception from armed committees of Missouri farmers who, with tick-fever in mind, regarded anyone "driving Texas cattle north in warm weather as no better than a horse-thief".

Confronted with armed Missouri opposition, many drovers simply abandoned their herds to the determined slaughter of vigilantes. Others drove west beyond the outermost settlements in Kansas and then northeast across that state, Nebraska and Iowa where they left epidemics of Texas fever. Few found a profitable market and the chart of cattle driven north during the next two years shows the discouragement.

By 1867 a branch line of the Union Pacific had reached Salina, Kansas and that year Joseph G. McCoy, a Springfield, Illinois cattle dealer, gave relief to Texas from its plague of Longhorns. McCoy built shipping pens to handle 3,000 head at Abilene, Kansas, then a huddle of a dozen crude huts on the prairie. Although it was July and hence late in the trailing season, McCoy sent W. W. Sugg south to look for drifting herds. It was a lean year and only 35,000 head passed through the Abilene stockpens. This they did without opposition, since the settlement on the new railroad lay west of all homesteaders.

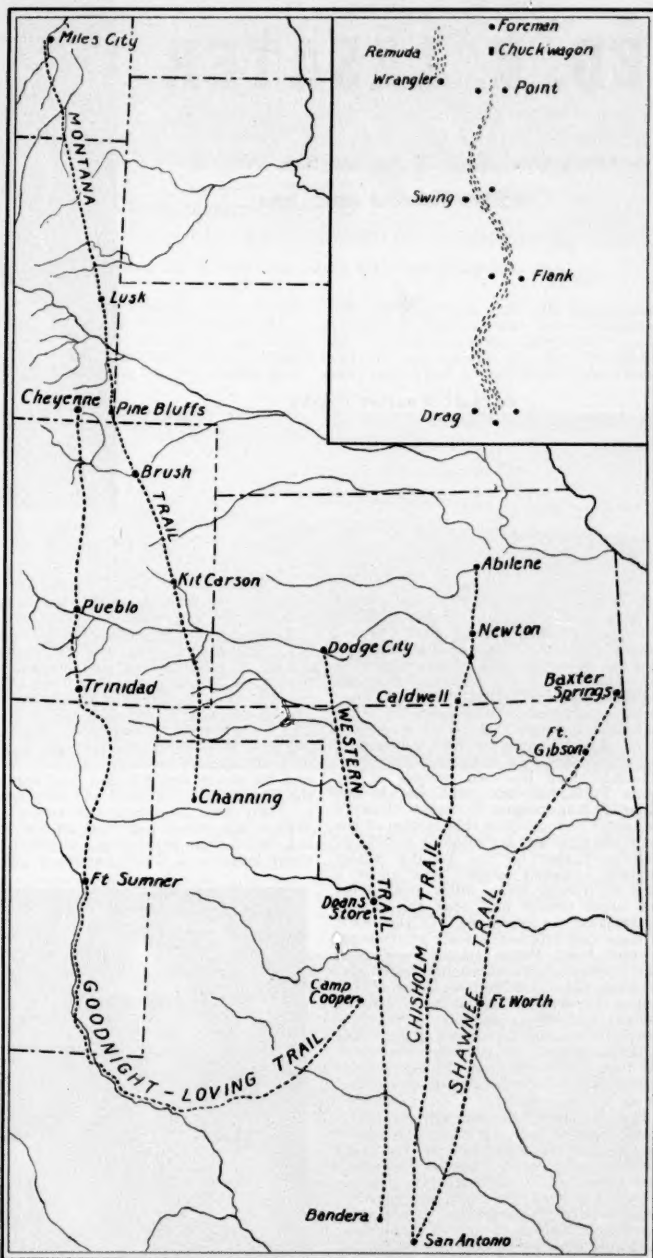
John Chisholm was one of the first to pen a herd in McCoy's stockyard and although at the time he would have asked of posterity no more than a fair price for his cattle, his name received a garnishing of folklore and fable all out of proportion to his accomplishment. It is a matter of plain fact that he was merely one among many of his time and place. He has since become a trail and a legend alongside Little Joe the Wrangler.

Railroads continued west and so did settlers. For a brief interval Newton was a shipping point but homesteaders out of Missouri brought their anti-Longhorn prejudices along with household goods. The latter were meager but the former, braced with firearms, was formidable.

By then fragments of Cheyenne, Comanche, Kiowa, Caddo, Keechi and other tribes had been forcibly settled in Indian Territory and they were hungry. In their northern homes they had heard the shouts of Gee! Who! Haw! of emigrants on roads leading west and of every cattle herd passing through Indian Territory they demanded "woh-w" (beef). Cattle drovers swung the point westward to avoid Indians in central Oklahoma and armed homesteaders in central Kansas. They encountered the railroad at Dodge City and that peaceful shanty and dugout settlement became a roistering cowtown, the toughest and busiest of all.

In the Seventies cattle boomed. In the top year around 240 herds, each averaging 2,500 head, a total of 600,000 cattle went north, most over the Western Trail to Dodge City. Less than 3,000 men nursed them over the trail and they turned loose the greater part of \$300,000

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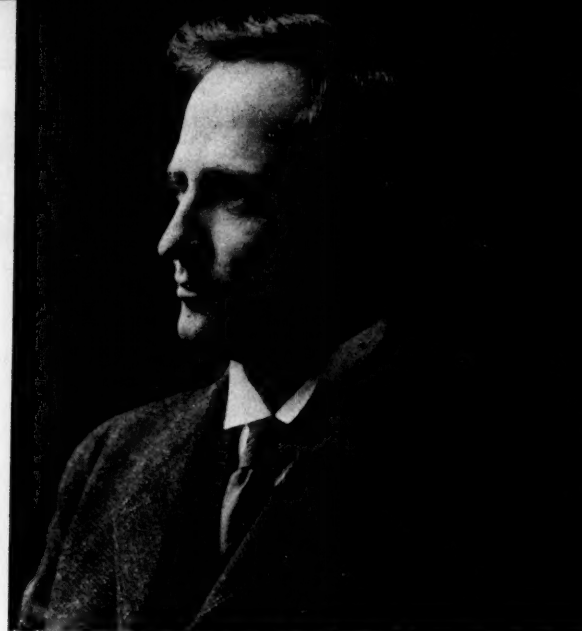
The Shawnee Trail, opened in 1866, was the first beaten path, and the Montana Trail, closed in the eighteen nineties, was the last. The inset in the upper right corner shows the organization of a drive underway.

ED. C. LASATER

Ninth President of Association Was a
Creative Thinker and Doer



By MARY WHATLEY CLARKE



Edward Cunningham Lasater, 9th President of Texas and Southwestern Cattle Raisers Association. He was a thinker and a doer.

AN ancient live oak grove has played a major part in the lives of the Lasater family of Falfurrias, Texas. The late Edward C. Lasater first saw the grove in 1893 when prospecting for ranch lands. The big trees were an oasis in the dry prairie country. They were the only ones to be seen for miles and miles and were important enough to be listed on the early Spanish land grants and were called "La Mota de Falfurrias."

Lasater had his own version of the name Falfurrias and said that in the Lipan Indian tongue it meant "Heart's Delight." "At one time this section of the coast country was occupied by a tribe of Indians known as the Lipans, whose favorite camping ground was under a mott of liveoak trees, miles away from any other timber and near the site of Falfurrias," he explained. "In that mott of trees they stopped in their pilgrimages to and from Padre Island in Corpus Christi Bay, where an abundance of seafood was obtainable. In the Lipan Indian tongue the word Falfurrias meant Heart's Delight and the implication is that the weary Indian pausing to rest in the shade of the oaks, felt the cool salt breeze upon his face and murmured, 'Falfurrias,' as he experienced the delightful sensation," he said.

Here in the shade and solitude of La Mota, Lasater built his home and reared his family. He would sit on his front porch on cool summer nights and watch the moon shine through the sturdy branches of the trees. A contentment and peace flooded his soul, along with a burning desire. Here he dreamed the dreams that were destined to turn the Falfurrias country into a land of happiness and prosperity—a veritable "Heart's Delight."

His thoughts were unselfish ones. It was not for himself and family that he dreamed alone, but for mankind. He was a philanthropist at heart and his shining goal and fundamental problem was to

make the soil produce wealth and happiness for the deserving laborer.

Edward Cunningham Lasater was born near Goliad, Texas, in 1860. His father, Albert H. Lasater, was a ranchman who moved to Texas before the Civil War when most of the state was a great open range. Reconstruction days were hard and he lost most of his cattle. He then engaged in a mercantile business at Goliad. He died in 1883, but not before he and his eldest son, Edward, had entered the sheep raising business and were again on their feet financially. However, the Wilson bill, which put wool on the free list, ended their prosperity and killed the sheep business in Texas for many years.



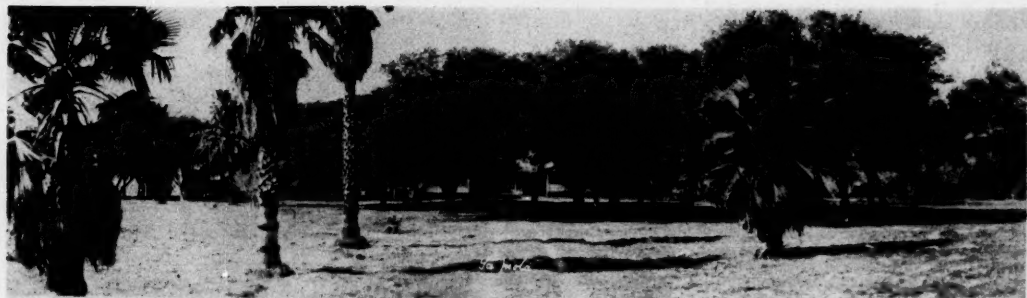
Mrs. Edward Cunningham Lasater, the former Mary Miller of Galveston, was always a source of strength and courage to her husband in all of his business undertakings.

During these years of his young manhood Ed had hoped to become a lawyer, but being of delicate health he decided upon a life in the open. Here again fate took a hand because there was work that he must do. Work that would require plenty of stamina, physical ability and practical experience upon the range.

When the sheep industry went on the rocks Ed naturally turned to cattle. He bought heavily and in a few years had some 30,000 head on hand. Then the big drouth of 1893 fell upon the land and caused a financial panic. The bottom fell out of the cattle business; fat steers were selling in Chicago for \$2.70 per hundred. After keeping his contracts and paying for all his cattle Lasater had nothing left. He figured his loss at \$130,000. He accepted his reverses with good grace and looked toward the future. He often remarked that all he accomplished later was done as a result of this financial disaster. He wanted to prove that he could come back again.

During this tragic ranching year of 1893 there was naturally a great cry for water everywhere. The Mexican ranchmen in the country depended on shallow wells which were little more than trenches. They too had lost their cattle and were in hard financial straits. Lasater had credit where they had none, and he persuaded some bankers to back him in a new venture. He was engineer enough to know that there could be plenty of water in the country if the wells could be drilled deeper and pumps installed. He investigated and learned that the big English companies backing the Mexican grantees wanted the land worked or otherwise utilized. He knew the land would produce if there was plenty of water.

After putting up the proposition to his banker friends he received fresh backing and contracted for 30,000 head of cattle to be delivered the following spring. At



La Mota, the live oak grove where Ed Lasater dreamed his dreams and where his descendants now live.

the same time he started to buy land from the Mexican grantees. He made small cash payments, the balance on long time terms handled through loan companies. He had faith in the country despite nature's reverses. To him it represented a potential empire.

It was a lonely country then. He could ride for days without seeing a human being or finding evidence of habitation. The Mexicans had no markets for their cattle. They had to drive them long distances to the railroad and ship them to market. Their returns hardly paid their expenses. Lasater realized that this upper valley, still virgin, was awaiting modern methods of agriculture before it could yield its proper fruits. The people were land poor and it was not possible to scratch more than a mere living from their herds. They needed a leader. He knew that he could help them by developing the country and that they could help him accomplish his big undertaking.

He was busy day and night. He visited the Mexican land owners and talked over his problems. They realized that here was a man with the power and vision to do something. He had a program that would benefit them for the first time. They trusted him. He became their friend. He learned their language and spoke it like a native. They were glad to sell him a part of their land. The cash they received in payment would tide them over another rocky period, but this time there was a glimmer of hope in the future.

As Lasater purchased land he dreamed of stocking the range with a sturdy breed

of cattle that would require little attention. He wanted a healthier animal, a cow that would mature earlier and fatten quicker. He imported purebred bulls and was soon raising his own standard of

His holdings were gradually fenced and divided into pastures with Spanish names like Viboras (snake), Guajalote (turkey), Venado (deer), etc. By 1900 this great ranch had grown until it was one



Yearling Beefmaster heifers on the range at Matheson, Colorado.

cattle. Herd after herd was bought and headed with good purebred sires. Many old timers believe that he succeeded where otherwise he would have failed because from the very beginning he perseveringly and everlastingly insisted upon using good purebred sires.

of the largest and most modern in the United States. Its earning power was enormous and Lasater had paid most of his indebtedness. He had some 400,000 acres, an area of land larger than the state of Rhode Island.

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Some of the fine Jersey cattle that helped turn Falfurrias into "The Land of Heart's Delight"

The Arabs Call Me Madam Sam



By MILDRED MONTGOMERY LOGAN



Madam Sam conversing with an Arab boy who is holding Linda on his shoulders. Photo taken by G. F. Walters, Aramco staff photographer.

IT was on a hot Monday evening not long ago when Sam pulled up in front of the mud brick house and stopped. I got out of the car and rapped on the door—a big, green affair set in a slanted, mud frame—of our Arab interpreter's home. Standing in the sand outside the door, I could see the rough dunes of the desert stretching out a long way.

It seemed that each day in Saudi Arabia had brought me a new and more challenging experience. I was bringing baby bottles, freshly scrubbed and boiled, to the interpreter's wife. She had just had twins, and in this meager, desolate land it is hard to feed one mouth, much less two.

Suddenly, from within, a shrill female voice spouted forth a stream of Arabic. The door most certainly was not going to be opened until it was clear who was doing the knocking.

"It's Mildred," I said. "Uh, Mrs. Logan. I mean, uh, Madam Sam."

I had forgotten for the moment my authorized handle; the Arabs had, in good Bedu style, tied me irrevocably to my husband Sam, who heads up the government's giant Al Kharj Farming Project, and it was "Madam Sam" or nothing. As a kid I was called Mohair by my classmates because I had "more hair" than anyone in school. I was Mildred in college and Miss Montgomery when I taught school. I became Mrs. Sam Logan when I married a Texas rancher. Mommy became a familiar name after our baby

Editor's Note—This is the second article by Mildred Montgomery Logan to be published in The Cattleman on her experiences in Saudi Arabia. The first appeared in the October, 1951, issue. Her husband, Sam Logan, is a graduate of Texas A. & M. College with a degree in Animal Husbandry, and was for several years a county agent in Texas. Mrs. Logan is the daughter of Mr. and Mrs. J. B. Montgomery, Sr., of Dallas.

girl, Linda Luticia, was born. Even with this, it is still tough for me to remember that I have been given a new name by the Arabs.

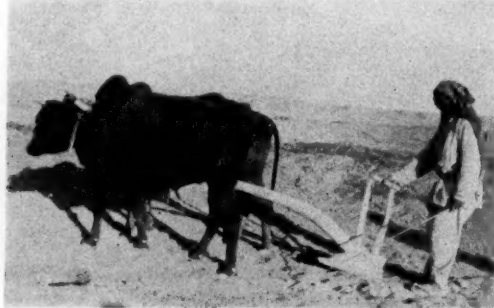
Actually, it's much easier to transplant one's self in an unfamiliar place like Saudi Arabia than you would believe. Things are strange and customs odd at first, but before you realize it you have almost forgotten you're not back home in Texas. Don't misunderstand me, Arabia and Texas are vastly different. True, as the hecklers tell us, we have drouths in Texas, bad sandstorms, and flat rolling plains as Arabia has. But, we also have innumerable things in Texas that other countries boast about. Sam says the only things Arabia has that's bigger'n what we have in Texas are milk weeds and tumble bugs. Where we come from, that sure is not saying much.

Even though I am getting used to being the first American woman to live in

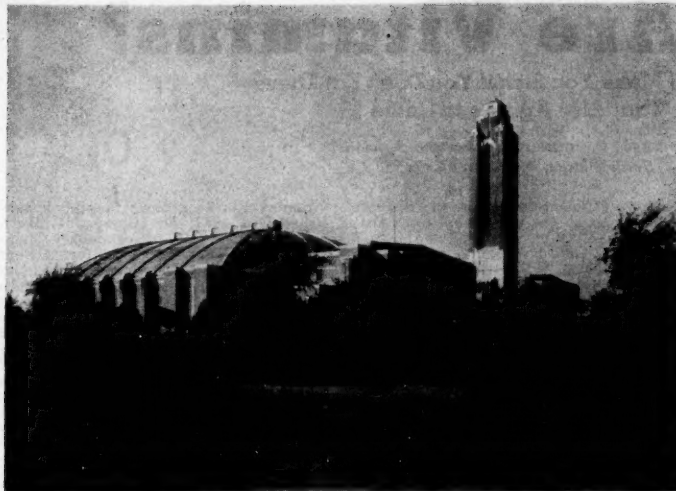
the heart of Arabia, I find myself still slipping up on some things. There is just too much to remember. A lot has happened since I was first flown in to my new desert home. When I boarded that Aramco (Arabian American Oil Company) C-47 headed for the oasis in the heart of Saudi Arabia I was seized with doubts, apprehensions, and anticipation. What would these Arabs think of me, the first American woman ever to be given permission by His Royal Highness the Crown Prince to live in the deep interior of this vast kingdom. I knew before I started that Arabian women are looked upon by their husbands as merely tools for living and have no prestige in their country. Would they ignore my presence? Would they stare in disbelief or would they treat me as though I were an American man? I am unusually tall, have blonde hair and blue eyes. The Arabian women are predominantly short, brunettes, with black eyes. Many of the Arabs at Al Kharj had never seen a white woman, or any other woman unveiled other than their mothers, sisters, or wives. What would they think of me for walking beside my husband instead of keeping a decent distance behind him? What would they think of their Mr. Sam when they found he had fathered a girl instead of a boy?

In anticipation, I thought of the colorful banquets I might be invited to attend and the unusual sights I would see. All these things flashed through my mind but the answers came quickly when the plane dropped down out of a clear, blue sky onto the home-made air strip near headquarters. First and foremost, I was the boss' wife and just naturally received respect. Not just respect, but real graciousness that overwhelmed me in view of what I had supposed would happen. There were Arabs who stared at me, some who even giggled, and others who acted as though I was nothing out of the ordinary at all. Linda stole the show, however, and has continued to do so since then. Many of the Arabs immediately referred to her as a "small boy" and some still persist she is of the male species. It is a great compliment and achievement to be the father of a boy. Girls serve their purpose but are certainly nothing to brag about. No matter, Linda is the apple of

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This is how the Arabian plows his land.



Will Rogers Memorial Coliseum

Southwestern Exposition All Set for Show January 25-February 3

FORT WORTH took on an air of excitement and bustle as final touches were being given for swinging wide the gates on January 25 for the 1952 Southwestern Exposition and Fat Stock Show, oldest major livestock show in the nation which this year is expected to draw the largest attendance in its 56-year history.

The show will run through February 3, with the championship rodeo, horse show, a lavish musical production, new exhibits hall and multiple other new features.

The 1952 exposition offers the greatest total of cash awards—\$153,000—in the show's history. President-Manager W. R. Watt states. Thousands of animals from over half the states and from foreign countries will be shown.

"Special" is the word which seems best suited in describing this year's show, for officials are sparing no effort in attempting to top the 1951 exposition. The '52 show will have more "special" days for cities, service and fraternal organizations, and in addition, this year's show will honor the 50th anniversary of the Fort Worth packing house industry.

Typifying the spirit of Fort Worth hospitality is the chairman of the board for the exposition, Amon Carter.

Officers are President-Manager Watt, Fort Worth business man and rancher, who raises Herefords and registered American Quarter Horses; Ernest Allen, automobile dealer, vice president; Raymond E. Buck, attorney, secretary; and George Thompson, Jr., bank president, treasurer.

With 17 modern buildings comprising 32 acres under roof, the stock show on the Will Rogers Memorial grounds has been called the most beautiful plant with the most complete facilities in the nation.

The exposition is staged with protection to livestock entries, independent of the weather.

Herefords in the breeding classes will compete for \$13,800—besides the carload-and-pen bull department where \$6,335 is offered. Of the \$13,800, half is offered by the American Hereford Association and half by the show. In the carload-and-pen division, the American Hereford Association offers \$1,167.50.

D. G. Talbot of Fort Worth is Hereford superintendent, assisted by Leon Turner, Swift and Company, Fort Worth. Livestock Superintendent W. A. (Bill) King said many of the great show herds of the nation will be shown. Hereford entries have been received from Rancho Sacatal, Dos Cabezas, Ariz.; Milky Way Hereford Ranch, Phoenix, Ariz.; W. J. Largent & Son, Merkel; H. A. Fitzsimons, San Antonio; Winston Bros., Snyder; Dawn Hill Farms, Siloam Springs, Ark.; Turner Ranch, Sulphur, Okla.; J. S. Bridwell, Wichita Falls; and C. K. Ranch, Brookville, Kan.—to name only a few.

Polled Herefords in the breeding classes will compete for \$5,000 in premiums, half of this amount offered by the exposition and the other half by the Texas Polled Hereford Association. Ernest Duke of Fort Worth is superintendent of this department.

Early entries in the Polled Hereford division are from Double E. Ranch, Senatobia, Miss.; Jim Gill, Coleman; Halbert & Fawcett, Sonora; Mans Hoggett, Mertzon; and N. F. Schilling, Memphis, Tenn.

Premiums totaling \$6,000 for Shorthorn breeding classes will be offered, with the amount being split between the exposition and the American Shorthorn Breeders' Association.

Craig M. Logan of Meridian is super-

intendent of the Shorthorn department. Entries include those from C. M. Caraway & Sons, DeLeon; William Bartholomay, Jr., Libertyville, Ill.; John R. Cummins & Son, Elizabeth, Colo.; B. Hollis Hanson, Connersville, Ind.; and Mathers Bros., Mason City, Ill.

In the Aberdeen-Angus breeding class division, premiums totaling \$7,580 have been established by the American Aberdeen-Angus Breeders' Association and the exposition. In addition, \$2,000 is offered for Aberdeen-Angus in the carload-and-pen division of the show.

Stewart Sewell of Jacksboro is superintendent of the department, assisted by George T. Halsell of Fort Worth. A few of the entries in this division are from Tommy Brook, Camp San Saba; Luther McClung, Fort Worth; Penney and James, Hamilton, Mo.; Tex Spitzer, Pleasant Plains, Ill.; and W. R. S. Angus Farms, Hutchinson, Kans.

The "sacred cattle of India" will compete for \$2,000 in premiums with the American Brahman Breeders' Association and the exposition each posting \$1,000. Superintendent of the Brahman department is W. H. Walker of Corsicana.

In the show's horse division, 850 entries have been received. Quarter Horses, Palominos and cutting horses, as well as gaited horses will be shown, Douglas B. Mitchell, assistant stock show manager and superintendent of horses, said.

W. R. Cooper of Seymour will be judge of Quarter Horses; R. H. (Harry) Lewis of Dallas will judge Palomino horses, and for cutting horses, judges will be Robert H. Corbett of Breckenridge, Frank Daws of Throckmorton and Novis N. Rodgers of Snyder.

Last year, a record number of 84 entries were in the cutting horse contest, with eliminations reducing the number to 24. The Fort Worth rodeo was the first to include a cutting horse contest, and it has become a big favorite with the audience.

Most spectacular of the stock show's attractions is the rodeo, which this year is expected to attract more than 400 contestants. The cowboys compete for \$50,000.

Verne Elliott, "Mr. Rodeo" himself, will be rodeo producer. He has presented all but two of the show's rodeos, beginning in 1924.

The horse show, held in connection with the rodeo, will have 850 entries. First performance of the rodeo and horse show will be on opening night, Jan. 25, and then at 2 p. m. and 8 p. m. daily.

On the afternoon of Jan. 25, an all-western parade (all horses and no cars) will move down Fort Worth streets, decorated with flags and banners. This most colorful event, featuring hundreds of western-garbed cowboys and cowgirl sweethearts, is directed annually by Vice President Allen.

As featured attraction in conjunction with the rodeo, the musical, "The Merry Widow," starring comedian Edward Everett Horton, star of screen, stage and radio, will be presented in the Will Rogers Memorial Auditorium Jan. 30 through Feb. 3.

In the boys' livestock show, which is offering \$9,000 in premiums, the most widely-coveted award is the boys' grand champion steer which then has an opportunity to become the grand champion steer of the exposition in competition with the breed winners in the open steer show.

Premiums in the boys' steer show
(Continued on Page 68)

What Are Vitamins?

**They Will Make You Sick if You Don't Eat Them
That Also Applies to Cattle**

By: DR. J. B. JOHNSTON, *Livestock Specialist*
Bewley Mills, Fort Worth, Texas

VITAMINS are one of the great scientific discoveries of this era. We need them for health and growth every day of our lives. A quarter of a century ago bio-chemists discovered vitamins, and nutritionists began learning how important they are and how to balance them in our everyday living.

Then came spectacular developments. Doctors learned to employ them in the treatment of diseases. Amazing cures are now being wrought through the use of vitamins instead of drugs.

Many definitions of vitamins have been published. Perhaps the facetious remark that "they are something that will make you sick if you don't eat them" comes closest to describing these complex organic substances in the language of the layman. We know that each vitamin has definite chemical and physical properties and functions which differentiate them from other substances and that vitamins act as regulators or catalysts to condition bodily functions.

If it were arranged for all vitamins to be totally lacking from our diets, for any extended period of time, serious illnesses would result, probably early death. This is true not only for humans but for all animals and plants and every growing thing.

One may wonder how it is possible for such infinitely small particles of food stuffs to affect health and life so greatly. The importance of vitamins in a person's or an animal's food is the good effect they have on improving the assimilations and utilization of other foods which the body requires for the maintenance of health. When a sufficient amount of vitamins is consumed regularly, the other food elements, such as proteins, fats, starches, minerals, etc., are more fully and better utilized by the body, through improved assimilation of these foods by the blood stream from the intestinal tract and their transportation by the blood to all parts of the body.

We know vitamins are not a fad; they serve a vital purpose. We know also that vitamins are as real as table salt. In their pure state they can be seen, tasted, and weighed. They are also formed by artificial synthesis, and for many years various colleges and experiment stations have been experimenting with synthetic vitamins and comparing them with like amounts of natural products used in feeds. The results of these tests have shown that synthetic vitamins are equal in feeding value—unit for unit or milligram for milligram—to the same vitamins in natural products.

Many startling changes are coming from the nutritional laboratories that have been studying cattle feeding. Investigators have thrown away the old idea that cattle feeding was primarily a question of proteins and carbohydrates and are rapidly nailing down the vitamin deficiencies that have wrought such havoc in cattle herds all over the country year after year.

This cattle nutritional work opens up a new era—a period in which the calves will grow much faster, live much better,

be more efficient converters of feed into beef. With all the nutritional work that has been done on chickens and human beings, it should be possible within a few years to revolutionize the ideas of what are good results in raising cattle.

The poultry industry had to be shown that vitamins really did the job before those engaged in it admitted their necessity in poultry feeds. Human beings were even a little bit more cautious about how they used vitamins to feed themselves and their children.

The experiment stations and the cattlemen are beginning to appreciate that nutrition is a primary factor in many cases among the common cattle troubles. Knowledge in cattle nutrition has been increasing rapidly and the industry is beginning to realize that vitamins, organic minerals and trace elements are even more important than protein, or total digestible nutrients.

In a recent talk given by a University of Wisconsin authority it was stated that the matter of protective foods in livestock production and in human health is just now coming into prominence. He pointed out that many ailments that have come to the foreground in recent years are the results of lack of vitamins in feeds. This speaker told of visits to several farms in his state where local veterinarians had come up against cattle ailments that had them stumped. Along this line, the speaker said that a good bit of productive trouble in cattle can be traced to lack of vitamins.

He cited recent trouble in California with cows on range which were losing their calves. The cause was found to be the very hot and dry California summers that burned up all the green feed. Thus the mucous membranes of cows were affected by lack of vitamins in the feed and cows either aborted or the calves that were carried full time were too weak to amount to anything.

The vitamin content of green grass is important in all livestock raising. Vitamins are important in warding off colds in humans and animals because it keeps the mucous lining of respiratory tract in good condition. But the mucous membranes of the body of either humans or animals does not end with nose, throat or lungs. In the case of the intestinal trouble in calves, vitamin deficiency affects the lining of the intestines and causes scours.

A few years ago in the drouth area of western Kansas when the wheat fields were bare shortly after the sheep had been bred, practically none of the ewes were able to give any milk after their lambs arrived. The sheep had enough to eat in the way of protein cake, but the lack of vitamin intake during the gestation period almost completely stopped the milk flow. Work on other animals indicates that this is true of all mammals. That is why it is so important whenever ranges are dry, like they are now, that all livestock be given feeds which carry a fair vitamin intake.

In the case of parasitic invasion in both cattle and sheep the importance of

vitamins has been more tangibly established. In 1947, Dr. George H. Hart, Dean of the School of Veterinary Medicine at the University of California, went to New Zealand as a delegate of the National Research Council to the Seventh Pacific Science Congress and was quite impressed with the concentration of the sheep population. They have some 35 million sheep on the two islands with a combined land area two-thirds the size of California. At the very noted Ruakura Animal Husbandry Research Station near Hamilton in the North Island, he asked Director C. P. McMeekan how they treated sheep to keep down parasites. He replied, "If it becomes necessary to treat sheep for parasites, management is at fault." This is one way of saying that if sheep are maintained on a plane of nutrition that will result in the principle of continuous growth with normal growth curve, ordinary gastro-intestinal parasites will not be able to make sufficient headway to require medication. This has been supported by data in many experiments with different species.

A good many cattlemen unknowingly are prematurely senescent. They are physically older than their span on the calendar. Under varying conditions of diet and living, certain chemical changes occur which often render humans "older than their years."

Such conditions as these are especially prevalent among adults whose health and food routines are more often guided by "likes" than by "needs", and the same thing happens to their animals when they use feeds not containing vitamins, organic minerals and trace elements.

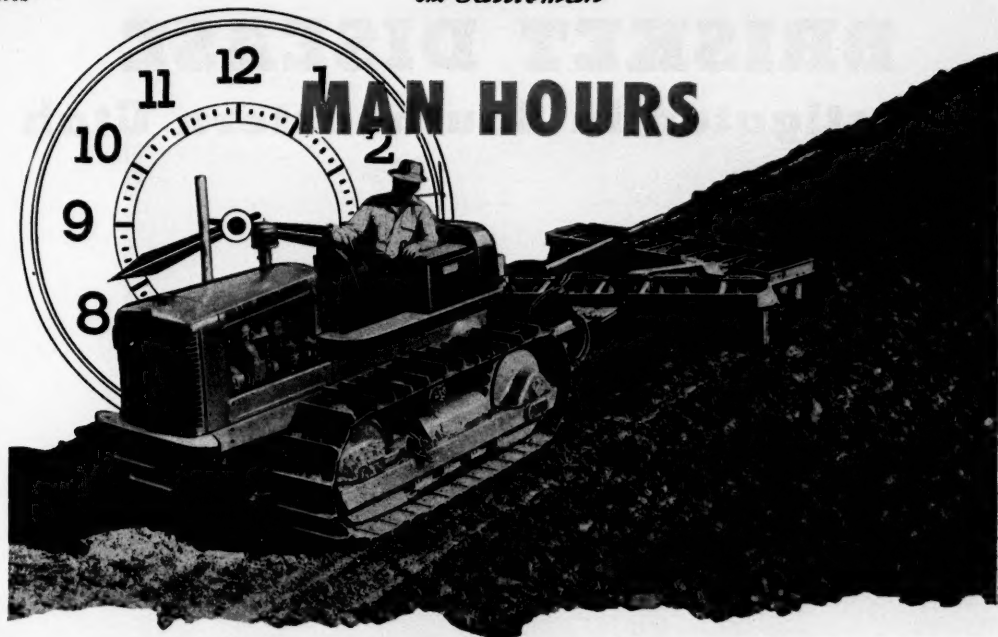
Science has found that colds, pneumonia, many kinds of scours, epileptic fits, staggers, arched backs, slow growth, rickets, irregularities in breeding, premature calving, paralysis, and blindness in cattle are all primarily due to a deficiency of one or more essential vitamins, organic minerals and trace elements lacking in cattle feeds today.

It is the job of cattle, sheep and goat raisers to become familiar with the vitamins and what they do, so they can intelligently appreciate what is happening to their animals during this long dry period. They are discussed in the following paragraphs.

VITAMIN A—Vitamin A is a pale yellow crystalline substance easily destroyed by oxidation from sunlight and heat. Carotene is the chief vegetable precursor of Vitamin A. A slightly bitter, reddish-yellow substance, it is converted in the animal's body to Vitamin A. The chemical formula for Vitamin A is 20 atoms carbon, 30 atoms hydrogen and 1 atom oxygen.

Of all the vitamins recognized today, Vitamin A is the one most likely to be deficient in range feeds. If the range cow does not happen to be running out on a succulent green pasture and the hay fed her is not a green color, the chances are her ration is low in Vitamin A, unless the range feed she is fed is

(Continued on Page 72)



That Count Up on the Profit Side

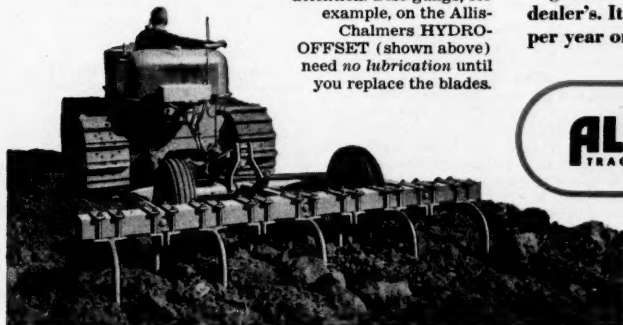
Man-hours in the field are vital—whether yours or your operator's. How can you gain a few, day by day, week by week?

TRACTOR HOURS

- 1** Save time getting into the field. The Allis-Chalmers HD-5 diesel starts with the press of a button, like your car, in any weather.
- 2** Gain tillage hours by saving needless lubrication time. The HD-5 truck rollers and idlers stay at work 1,000 hours between lubrications.
- 3** Short-cut the time required for internal tractor inspection and repair. Major assemblies in the HD-5 are *accessible* and readily removable as units without disturbing adjacent parts.

EQUIPMENT HOURS

- 4** Use a heavy-duty disc that asks a minimum of attention. Disc gangs, for example, on the Allis-Chalmers HYDRO-OFFSET (shown above) need *no lubrication* until you replace the blades.



- 5** Make disc adjustments *quickly*. The HYDRO-OFFSET can be adjusted to the exact trailing position you want in two minutes, easily.
- 6** Keep rolling in the field. Take full advantage of the HYDRO-OFFSET instant two-way hydraulic control of gang angle. Change the angle at a touch of the hydraulic lever for fast, non-stop work over heavy-and-light soils, trashy surfaces.
- 7** Have on call a complete *system* of deep tillage, all in one rugged implement. The Allis-Chalmers HYDRO-CARRIER (shown below) with tool bar attachments, equips you for 14 major irrigation and dryland farming operations.
- 8** Save operator time and trouble. Smooth hydraulic control of the HYDRO-CARRIER eliminates wrestling with ropes, levers or depth screws.

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BRISKET DISEASE

Investigated in Southeastern Utah

By LORIN E. HARRIS, WAYNE BINNS, and LA ZONE BAGLEY

Reprinted from Farm & Home Science, published by the Utah Agricultural Experiment Station.



Left, calf at right has a rough light colored hair coat, a distended abdomen, and a slight swelling in the throat region. The yearling on the left is normal.



Right, a mature cow suffering from brisket disease. Note swelling of brisket, throat region, and abdomen. The animal also has profuse diarrhea.

A CONDITION characterized by a swollen brisket has been affecting cattle of all ages in southeastern Utah for more than 25 years. The seriousness of this disease was brought to the attention of the Utah Agricultural Experiment station by the county agent and cattlemen of Wayne County about two and a half years ago.

The disease seems to be most prevalent during the months of August and September among animals grazing on the summer range, although a few animals that have never been on the range have been affected in pastures in Loa Valley. Affected animals are usually noticed standing away from the rest of the herd. They have a rough hair coat, usually a greatly distended abdomen caused by an accumulation of fluid, and frequently a profuse diarrhea. Yearlings and older cattle frequently have a swollen brisket. The swelling or edema may extend up the neck and also be present in the throat region.

Calves do not swell in the brisket region as much as older cattle, but they

may have some swelling in the region of the throat. Affected calves usually breathe hard and fast, have a severe diarrhea, drool saliva, lose weight rapidly, and have a rough hair coat. Forced driving of the affected animals often proves fatal. On several occasions affected animals have apparently recovered when taken to the home ranch in Loa Valley, but when taken to the range the following year they never survive.

Experiments have been under way for two years to determine how to prevent this disease. This year 100 animals were divided at random into two groups. All these animals are being pastured together in a section of land in U. M. Valley. Half the animals serve as controls and receive only range forage. The other half are being drenched individually twice a week with a solution containing mineral salts in an attempt to determine if the disease is caused by a mineral deficiency.

Two 20 acre pastures, one in U. M. Valley, and one in Seven-Mile Valley, have been fenced to hold sick animals after they contract the disease. These animals will receive the following treatments at random as they are brought to the pastures: (1) range forage, (2) fer-

tilized hay from Cache Valley, Utah, (3) trace minerals, and (4) trace minerals plus fertilized hay from Cache Valley.

Another phase of the experiment consists of feeding bone meal, salt, and range pasture to approximately 700 head of cattle in U. M. Valley, and feeding bone meal, salt, and trace minerals to approximately 1,000 cattle in Seven-Mile Valley. In addition several creeks have been constructed in Seven-Mile Valley, and within each is placed bone meal, salt, trace minerals, and a protein concentrate containing trace minerals.

Range plants from U. M. Valley and Seven-Mile Valley and also forage samples from Loa Valley are being analyzed for trace minerals and other constituents to determine whether they are low in certain nutrients. It is hoped by these procedures to determine if brisket disease is caused from a nutritional deficiency.

At present, however, the cause of the disease is not known, nor how to prevent or cure it. Consequently no recommendations for practical treatment can be given. Ranchers should know that the Agricultural Experiment Station has not at this time recommended mineral mixtures or other materials to prevent brisket disease.

Dr. Lorin E. Harris is professor of animal husbandry, Dr. Wayne Binns is professor and head of the Department of Veterinary Science, and La Zone Bagley is the county agricultural agent in Wayne County.

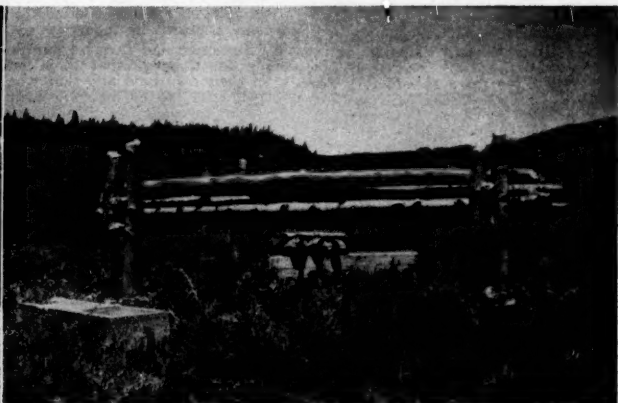


Cattle grazing in the U. M. Valley northeast of Loa.

Cooperation among the Wayne County cattlemen, the county agent, the U. S. Forest Service, and the Agricultural Experiment Station has made this research possible. Don Brian, Wayne County cattleman, left, and La Zone Bagley, county agent, discuss plans for supplemental feeding.

Below, left—Ray Anderson and Don Leeper, advanced students in animal husbandry, help County Agent Bagley drench cow with mineral salts.

Below, right—A creep with trough for protein and mineral supplements. Mature cattle eat supplements from two compartment mineral box in foreground.



Before Barbed Wire

By WAYNE GARD

HOW did southwestern stockmen ever get along without barbed wire? Even under open-range conditions, there often was need for fences. Lack of suitable fencing material held back for decades the settlement of the Great Plains.

Fences used before the invention of barbed wire were far from satisfactory. In East Texas and in the Cross Timbers, there was material for rail fences; but these were laborious to build and hard to keep in repair. In rocky sections, some farmers and stock raisers resorted to stone fences. On the open prairies, a few built sod fences. Many tried hedges.

When A. B. (Shanghai) Pierce, then a lanky youth of nineteen, came to Texas in 1854, his first job was to split rails for a stake-and-rider fence. For this work, W. B. Grimes, one of the leading cattlemen of Matagorda County, paid him fourteen dollars a month and board.

The zigzag stake-and-rider fence was sturdier than an earlier type of rail fence, called the Virginia worm fence or the snake fence. The later type had two rails set across the interlocking corners to keep the horizontal rails in place. Still, a strong Longhorn bull could get off several rails and jump over the others. Too, a traveler could take a few rails to pry his wagon wheels out of the mud, or a lazy trail cook might use them for a camp fire. The rail fence was more picturesque than practical.

Stone fences were limited, of course, to rocky country and were built mainly in Southwest Texas. They, too, called for a vast amount of labor. Where there was neither timber nor stone, a few stockmen built sod fences. If well made and grassed over, they would last for years; but their unattractive appearance gave rise to the expression, "as ugly as a mud fence."

In its issue of June 14, 1852, the Colorado Tribune of Matagorda reprinted an account of a machine that built sod fences. This was Stowell's Sod Fencing Machine, then in use in parts of Illinois and Iowa. By removing sod and throwing up earth, it made a fence three to four feet thick and four to five feet high. Three men, with this machine and eight or ten yoke of oxen, could make from a half mile to a mile of fence a day in good sod. When the fence was completed, the owner sowed it with grass to bind it and make it more durable. But sod fences never became popular in the Southwest.

The need for more satisfactory fencing material was recognized in Texas long before barbed wire made its appearance. "Northwestern Texas has one disadvantage and one only," said a writer in the Dallas Herald of April 24, 1869. "That is a scarcity of timber. If this could be remedied, we would be second to no state in the Union."

The Austin Daily Journal expressed a similar view in its issue of May 21, 1870. "Fencing in western Texas," it pointed out, "is one of the most costly drawbacks that the settler has to overcome. There are many millions of fertile acres, but timber suitable for a fence cannot be had within any reasonable distance or for any reasonable consideration. The cost of fencing is eight or ten times the original cost of the land."

This high cost of fencing led many

stockmen and farmers to turn to the hedge. "Owing to the great scarcity of timber in many parts of the state," remarked the Galveston News, "our only economical alternative is to cultivate hedges or live fences." Hedges, this newspaper pointed out, "cost but little to grow, will last for generations, require no repairs other than pruning, and will keep out stock of all kinds, large or small."

In Texas, as in many prairie and plains states to the north, many stockmen and farmers began planting hedges. The most popular of the shrubs and trees used for this purpose was the thorny Bois d'Arc or Osage Orange. Those tall lines of Bois d'Arc still seen on some Texas prairies have a long story behind them, one that goes back more than a century. They are green reminders of an era in which lack of materials for fencing was one of the chief obstacles to the further settlement of the range country.

Today the Bois d'Arc, so named because Indians liked its tough wood for their bows, is often looked upon as a nuisance. Farmers don't like Bois d'Arc hedges because they drain so much moisture and fertility from the soil. Their sons and hired hands don't like them because trimming one of these hedges, while "resting" from field work on a rainy day, is a wearing and often exasperating task.

Only the boy too young to wield a hedge knife has a full appreciation of the Osage Orange. His father likes Bois d'Arc fence posts, and his mother may use the green balls in arrangements of fall flowers or silver some of them for use as Christmas decorations. But the youngster knows that Bois d'Arc makes the best bows and arrows and the hardest shiny clubs. Too, he hoards its fruit for sham battles and Halloween forays.

Yet there was a time when Texans hailed the Bois d'Arc as a godsend, when it was one of the chief topics of conversation. It was the subject of many letters to newspapers and of long articles in the Texas Almanac. Many regarded it as the answer to the prayer of the ranchman who wanted to keep his stock at home or the need of the farmer who wished to save his crops from being trampled. Producing Bois d'Arc seed became a profitable industry.

Stockmen and farmers had been looking for a hedge that they could grow on their own land and that would serve their need for fencing. But such a hedge would have to be "horse high, bull strong, and pig tight." At first, no one seemed to know what kind of shrub would be best for such use. As that was long before people began to look to Washington for everything they needed, several farsighted men in the Southwest and the Midwest began making experiments on their own.

The most persistent in this research was neither a stock raiser nor a "fool hoe man" but a college professor. He was Prof. Jonathan Baldwin Turner, who in 1833 had gone from Yale to pioneer Illinois College, established at Jacksonville four years earlier. Turner saw that one of the great drawbacks to the settlement of the prairies and plains was the lack of enough timber for fencing.

On a plot near the campus, he began growing shrubs. His nursery, incidentally, was in the same county as the birthplace of Frank Reaugh, who was to immortalize on canvas the herds of Texas Longhorns. Patiently Turner grew barberry, box, hawthorn, and other shrubs, some of which he obtained from Europe. Most of his attempts to find a satisfactory hedge plant were discouraging.

Finally an itinerant preacher brought him from near the Osage River in Arkansas a thorny plant that looked more promising. This was the Osage Orange or Bois d'Arc, which scientists call *maclura pomifera*. It seemed to meet the requirements. By 1845 Turner had a six-year-old Bois d'Arc hedge growing. Two years later he issued his first circular, offering the plants for sale.

While his neighbors ridiculed the Osage Orange as "Turner's folly," many farmers and ranchmen became interested. In 1851 more than three hundred bushels of the seed were shipped to Illinois; in 1855 one firm bought a thousand bushels. Plantings in the spring of 1860 were estimated at ten thousand bushels—enough to make sixty thousand miles of hedge. By 1868 the figure had risen to eighteen thousand bushels. The price zoomed from \$8 a bushel in the early days to \$50.

Quickly the fever for Osage Orange hedges spread across Texas. One writer assured landowners that they could grow the hedge for fifty cents a rod and could have it big and strong enough in four years to hold all kinds of stock. By 1870, hundreds of Texans were gathering Bois d'Arc apples, piling them to rot, then grinding out and drying the seed.

Speculators, as well as farmers, went into the business. They bought the apples at \$1.50 a thousand and sold the seed at \$25 a bushel. Occasionally the seed rose to fabulous prices; Jacob Haish sold some at five dollars a pound. It took about a thousand apples to make a bushel of seed. W. H. Harper, who learned the business while living five miles from Ladonia, in Fannin County, recalled that four or five men could turn out ten bushels a day. Bonham became an active market for the seed.

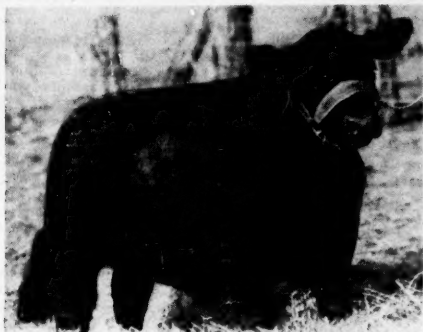
One of the seed mills, on a creek in Fannin County, was operated in the early seventies by A. F. Gilliam, father of the late R. A. Gilliam of Dallas. The speculation in Bois d'Arc seed brought profits to many—and losses to others. On Bois d'Arc Creek in Fannin County, William H. Mann heard that the seed was bringing \$80 a bushel in Peoria, Illinois. He washed out thirty bushels, loaded them on his wagon, and made the long trip, with visions of a big profit. Once there, he learned that the bottom had dropped out of the market. He had to sell his seed on credit at \$20 a bushel, the price he had turned down in Texas.

What stopped the rage for Osage Orange hedges was, of course, the invention of barbed wire. Brought to Texas in the late 1870's, the wire was expensive; and later, especially in 1883, it was subject to malicious cutting. But it could be strung quickly, held all kinds of livestock, and didn't rob the soil.

After barbed wire came in, many farmers began grubbing out their hedges. Yet some of them remain in use. At Illinois College, Professor Turner's experiments are recalled to mind every year by a pre-Commencement Osage picnic. There, on some evening next June, will be celebrated again the origin of those long rows of Bois d'Arc that still line some fields and pastures.

"77" WICHITA FALLS, TEXAS "77"

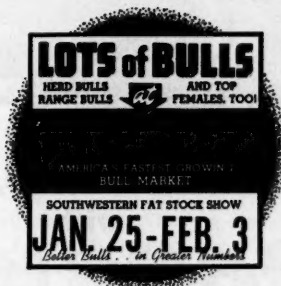
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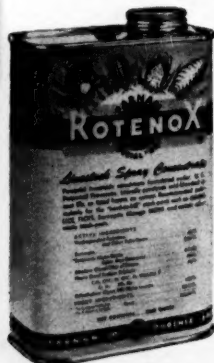
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Hereford Registrations Pass Seven Million Mark

PUREBRED registrations issued by the American Hereford Association have passed the seven million mark to set another new record in the history of the livestock industry.

The honor of carrying registration No. 7,000,000 has been awarded to Hillcrest Larry 62nd, champion Hereford bull at the recent International Livestock Exposition at Chicago. The champion was exhibited by Hillcrest Farms, owned by C. A. Smith of Chester, West Virginia.

The 62nd became the third Hillcrest bull to win a designation on the even million mark. HC Larry Domino 12 was awarded No. 5,000,000 in 1947, and Hillcrest Larry 4th, the \$70,500 bull, No. 6,000,000 in 1949.

Roy Largent, president of the American Hereford Association, pointed out that the seventh millionth registration underlines clearly the great progress made by America's Hereford breeders. It took nearly 41 years for the Association to register the first million head of purebred Herefords. The last million head were recorded in a period of only 25 months, he said.

The steady climb by Hereford breeders since the first Whiteface calf was recorded in America in 1879 is set forth boldly in the narrowing spans of time between the million mark milestones. It took 12 years of registrations to reach the second million figure. The third million came in seven years, the fourth million in less than five years. It took three years for the fifth million and two and a half years for the sixth.

Registrations of Herefords have increased to the point where a half million are recorded every 12 months. Indications are that the Association will be recording three-quarters of a million calves annually in the near future, Mr. Largent said.

During the 72 years of Hereford registrations in this country, the Association has recorded 97,222 calves per year on an average.

"With this record increase in registrations year after year, we have the answer as to why Herefords have become the beef breed supreme. Our tremendous growth has set the pattern for the beef industry, and when the average American thinks of beef cattle, he naturally thinks of Herefords. Equally important, the demand for our product is still greater than the supply," Mr. Largent pointed out.

Hereford Champion Steer at Great Western

A HEREFORD steer fed by Irvine & Timm, Dysart, Iowa, was named grand champion of the Great Western Livestock Show held at Los Angeles. The steer was bred by George Means, Sargents, Colo., and sold for \$5 per pound.

Karl and Jack Hoffman, veteran cattle feeders of Ida Grove, Iowa, scored another major triumph when their carload of TO bred Herefords were named fat steer champions of the show. Earlier at the American Royal in Kansas City the carload of steers were named reserve champions.

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ANTHRAX SPORE VACCINE No. 3 CARBOZOO* *Lederle* for anthrax.

HEMORRHAGIC SEPTICEMIA BACTERIN (Alum-Precipitated) *Lederle* for shipping fever.

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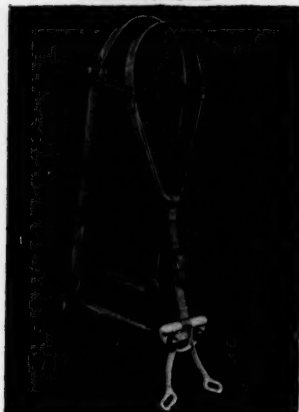


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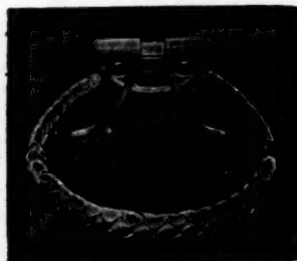
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"I seen ya kill that snake, Chuckwagon... an' I'm stayin' right here till ya BURY it!"



ELSEWHERE in this issue will be found an excellent article on the Trail Drives, covering that colorful period when Texas cattlemen drove to the northern railheads Longhorns such as those so graphically portrayed by Tom Lea on this magazine's cover.

A lot of elements went into those dusty cavalcades—big steers, hardy men, and good horses—but one of the most important items of all was the chuckwagon, loaded with a supply of beans, sowbelly, sourdough fixin's, dried fruit and "sop" molasses.

Trail men lived on a variety of grub (including an occasional fresh beef) but there was one thing they didn't like, and wouldn't eat if they could help it, and that was cornbread.

I pass along that information on the authority of the greatest driver of them all, the late Ab Blocker, who made 11 trips up the Texas trail, driving herds for his brother John.

One Sunday afternoon, while visiting with Mr. Ab at his home down near the Mexican border, he told me about the average cowhand's aversion to cornbread in any form.

"Just before we left on a drive," said Mr. Ab, "Brother John would always see about loadin' th' wagon. He'd put on th' bacon an' beans and such and then, always, throw on a hundred-pound sack of corn meal. I got so I never said anything but ever 'time when we got back, months later, I'd drive up to the ranch house, throw off that unopened sack of meal, and say:

"Here you are, Brother John, I'd say, 'Here's your ——— hog feed.'"

"An' it'd be th' same next time." Mr. Ab would laugh. "Guess I've carried more corn meal further'n anybody—even to the Dakotas and back."

But times have changed, and I'm sure Mr. Ab, the greatest of the trail drivers, would forgive me for this Hamburger Corn-Pone recipe. Here's how:

INGREDIENTS: One pound ground beef, one-third cup chopped onion, one tablespoon shortening, two teaspoons chili powder, three-fourths teaspoon of salt, one teaspoon worcestershire sauce, one cup canned tomatoes, one cup drained canned kidney beans, one cup cornbread

batter of one-half package corn muffin mix.

METHOD: Brown meat and onion in melted shortening, add seasonings and tomatoes. Cover and simmer over low heat for 15 minutes, then add kidney beans. Pour into greased casserole, top with cornbread batter and bake in hot (425) oven for 20 minutes. Note: When using packaged muffin mix, if recipe calls for one egg, use the whole egg in the half recipe. Serves four.

I've always said that, next to a good rare steak or maybe an all-inclusive Creole gumbo, a well-handled Pot Roast, especially if barbecued, can be classified as one of the finer things of life. And here's the pitch on a good one:

INGREDIENTS: Three pounds of beef pot roast (blade or arm cut), two teaspoons salt, one-fourth teaspoon pepper, three tablespoons fat, one-half cup water, one eight-ounce can tomato sauce, three medium onions, two cloves garlic, two tablespoons brown sugar, one-half teaspoon dry mustard, one-fourth cup lemon juice, one-fourth cup catsup, one-fourth cup vinegar, one tablespoon worcestershire sauce.

METHOD: Rub meat with salt and pepper and brown in hot fat. Add water,



tomato sauce, sliced onions and minced garlic. Cover and cook over low heat for one

and one-half hours. Combine remaining ingredients and pour over meat. Cover and continue cooking for one hour, or until tender. Remove meat to hot platter. Skim most of fat from gravy, dilute with water to suit taste, then thicken with two tablespoons flour mixed to a smooth paste with a little water. There's plenty here for four people.

While on the subject of Bar-B-Q (always a good one) here's another little idea which will bear kicking around a bit, if you have some calf liver handy. You do like this:

INGREDIENTS: One pound of calf's liver, salt and pepper, one cup sliced



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onions, two tablespoons butter, one tablespoon vinegar, one tablespoon worcestershire sauce, one teaspoon sugar, one-eighth teaspoon pepper, one teaspoon prepared mustard, one-eighth teaspoon chili powder, one-fourth cup catsup, one tablespoon water.

METHOD: Cut liver into one-fourth inch slices, cutting each slice in half crosswise. Arrange half the slices in bottom of covered baking pan. Sprinkle lightly with salt and pepper. Sauté onions until lightly browned in skillet, and place half of them over liver. Combine the remaining ingredients, and spoon half of sauce over liver-onion mixture. Arrange another layer of liver and onions and cover pan. Bake 25 minutes in a moderate (325) oven. Uncover and pour remaining sauce over liver. Bake uncovered for 10 minutes. Four servings here.

Here's something really swell to go along with cold roast beef slices—Cranberry Chutney, which you can make with little trouble, and which will keep indefinitely:

INGREDIENTS: Two cups of halved fresh cranberries, three slices of canned pineapple diced, one-half cup of cut-up mixed dried fruit, two pieces crystallized ginger, one-half cup raisins, one-half cup sliced pecans, one orange seeded and cut in thin strips, one cup molasses, one cup vinegar, one-half teaspoon curry powder, one teaspoon dry mustard, one-half teaspoon cloves, one teaspoon cinnamon, one teaspoon salt.

METHOD: Mix together the cranberries, pineapple, dried fruit, ginger, raisins and pecans. Combine remaining ingredients in a saucepan and bring to a boil, simmering gently about 10 minutes. Remove from heat and add cranberry mixture. Let stand several hours to blend flavors before using. Recipe makes a quart.

Got a good recipe you'd like to share with the neighbors? If so, send it to Charlie the Cook, care of The Cattleman. Or, if there's any particular recipe you'd like to have, ask Charlie. He'll round it up for you.

Breeding Cows Do Better On Legume-Grass Silage

A FEEDING test to compare the results of feeding corn silage and legume-grass silage for wintering breeding cows was reported by C. J. Cunningham and E. A. Livesay of the West Virginia University Experiment Station at the annual meeting of the American Society of Animal Production.

The cows were started as "yearling-plus" bred heifers. Except for the first winter the rations were entirely roughage—two-thirds dry matter from silages and one-third dry matter from hay. The rations of these heifers were balanced by adding cracked corn to the legume-grass ration and adding soybean meal to the corn silage ration.

Five years of results indicate that the two silages were of approximately equal value on a dry matter basis, and the development of the cows was the same. The calves from the two lots were of about the same weight at birth, but the calves of the legume-grass silage lot made slightly more summer gains. At weaning time these calves averaged ten pounds heavier.

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THE
NUTRITIONAL
VALUE
OF
ENTIRE
RATION

HERE IS THE PROOF!

I don't think you can find any better range feed than RED CHAIN Vita-Range Nuggets. We fed three cars last year and liked them fine. Don't think you could find any better. We had a good calf crop, really one of the best we have had and that in a dry year.

L. J. Haile, Dumas, Texas

The 1949-1950 season was my first to feed RED CHAIN Vita-Range Nuggets. However, I will sure feed every year after seeing what this feed has done. My beef cows came out of the winter in better shape than ever before, with every female animal bred and dropping healthy, vigorous calves. Even my small calves eat right along with the cows. My calves are larger than they have ever been at this time of year. I will certainly recommend this wonderful feed to all my friends and every man feeding livestock. I can assure them better results than ever before.

John F. Priddy, Stanton, Texas

"One of the main reasons I like RED CHAIN Vita-Range Nuggets is that they give me a more uniform calf crop. Of course, they keep our cattle in splendid condition and we have no trouble at calving time. I expect to continue feeding RED CHAIN Vita-Range Nuggets and gladly recommend them to any rancher."

Joe Benton, Nocona, Texas



UNIVERSAL MILLS

Gaylord J. Stone
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FORT WORTH, TEXAS

Bullseye!



Sunflower Soybean Oil Meal, the complete protein supplement, hits the spot with your cattle. They love that rich, nut-like flavor. And you'll love the way Sunflower whets their appetites, building more and better beef that means extra profit at market time.

All your farm animals require an adequate amount of digestible protein in their daily ration. And Sunflower Soybean Oil Meal Cattle Pellets are your most economical source of high quality protein. 100 lbs. will replace 224 lbs. of corn for each 100 lbs. of gain!

Write today for tonnage prices!

Sunflower 44% Meal
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PHONE ★ WIRE ★ WRITE TODAY



THE KANSAS



PRODUCTS CO., INC.

EMPORIA KANSAS

KANSAS CITY, KANSAS

From Longhorns to Modern Beef Breeds

(Continued from page 17)

may, the Texas Longhorn made a name for himself that will never have a parallel. He battled pioneer and adverse conditions and asked no odds. He was hardy in his homeland along the Rio Grande River and gave a good account of himself when transplanted to the range lands as far north as the Canadian border. He served a purpose under conditions when a less hardy animal would have failed. It was the Texas Longhorn that focused the attention of beef consumers in the North and East on Texas as a nursery for the beef cattle industry. The Longhorn did such a thorough job in attracting cattlemen to Texas that when conditions changed and the Longhorn passed out of the beef making picture, feeders continue to come to Texas for their supplies of cattle which are fattened and slaughtered to feed millions of people in the industrial centers.

When judged by today's beef cattle standards, the Longhorn lacked many characteristics that are now considered essential in an economical beef making program. He was long-legged and so long-coupled that he appeared ill proportioned. He was decidedly angular instead of symmetrical. It took him as many years to mature as it does the best brands of whiskey to age. Since time meant nothing to the Longhorn and little more to the early-day rancher this was no big handicap. He made his own living outdoors and on free ranges. His long legs enabled the Longhorn to travel long distances to feed and water, and later when trail driving became a big factor in beef making it enabled him to furnish his own transportation from Texas to the Canadian border and put on pounds while making the journey.

Before the war between the states broke out in 1861 some trail herds from Texas were driven to different areas, and with varying degrees of success. Some went west to California where the discovery of gold created a demand for beef. Some cattle were driven to St. Louis and Chicago and one herd went to New York. Cattle were shipped to New Orleans by boats.

At the close of the Civil War in 1865 the men who returned to Texas found vast numbers of Longhorn cattle grazing the open range lands. Very few of them had been branded during the war period. Texas was young and undeveloped. The state nor the individuals had any credit.

It has been said that necessity is the mother of invention. Some of the forward thinking, chance taking Texans must have believed in this saying. They had a big surplus of cattle and no money, so they decided to do something about it and exchange some of the cattle for money. To do this they had to get their cattle to fattening and consuming centers in large numbers. Trail driving was their only means of solving this transportation problem.

It was a problem that would have discouraged any less hardy group. It involved hardships aplenty and some of these chance taking drivers and their men paid with their lives. Financial returns were generally profitable, but the extent of this success was often measured by the ingenuity and sagacity of the dozen or so men making the trip with the many trail herds.

In addition to the seasonal changes and

**SO CONCENTRATED It costs only
\$150 to \$200 per 100 cows a year**

**MoorMan's Range Minerals for Cattle
is Complete—Well-Balanced—
Contains No Unnecessary Ingredients**

MoorMan's Range Minerals for Cattle is made especially, and only, for cattle on range. Each of its 12 mineral ingredients was put in—in exactly the right proportion—to make up for any mineral deficiency that might exist in grasses. Here's what that mineral balance will do for your range cows:

- ... helps them get maximum value from grass and other feeds
- ... supplies both base and trace minerals needed for strong, thrifty bone structures in calves as they develop
- ... helps lessen troubles at calving time
- ... helps produce a good milk flow for nursing calves.

Remember, MoorMan's Range Minerals for Cattle is *all* minerals—contains no "filler" or unnecessary ingredients.

Available in 2 Forms. You can buy MoorMan's Range Minerals for Cattle in 2 convenient forms! *Handy-to-Handle Blocks*, or *Waste Reducing Granules*. About \$150 to \$200 is all it will cost you for 100 cows for a year. Ask your MoorMan Man about special guaranteed prices on contracts for 50, 100, 500 or 1000 ton lots. If a MoorMan Man is not readily available write, phone or wire to MoorMan Mfg. Co., Dept. B2-1, Quincy, Illinois

Special Minerals for Alkali Areas. MoorMan's *Special Range Minerals* is designed for animals in alkali areas which get an abundance of salts or alkali salts in water or forage. Contains a small amount of protein for palatability. Preferred by ranchers in alkali areas where the animal's natural desire for essential minerals is often killed.



MoorMan's

(Since 1885)

MAKERS OF PROTEIN AND MINERAL CONCENTRATES FARMERS AND RANCHERS NEED, BUT CANNOT RAISE OR PROCESS THEMSELVES



**"We felt like
kicking ourselves..."**

2 CALVES DELIVERED SEPTEMBER 24, 1951

On September 24th Wright & Harris of Orange, Texas, took delivery on two 1951 MR Beefmaster bull calves which they had contracted.

GAINED 100 POUNDS IN 46 DAYS

On November 9th, 46 days later, they wrote us as follows: "Our calves are doing fine. I believe I am safe in saying they have gained 100 pounds since we got them. Mr. Richardson is really enjoying showing them."

HERE'S MORE PROOF OF SATISFACTION

Again on November 16th they wrote us saying: "We are going to need another bull and hate to wait until next year to get one, but I guess that is the best we can do. We have both felt like kicking ourselves for not buying another calf when we were down there. We are sold on the MR Beefmasters..."

Put Them on Pasture... They'll Do The Rest

MILLER RANCH **MR Beefmasters** **Falfurrias Texas**
HEREFORD - SHORTHORN - BRAHMA BLEND

Our Beefmaster breeding was purchased from the original Lasater Beefmaster herds now located at Falfurrias, Texas, and Matheson, Colorado

the vagaries of the weather, there were climatic hardships that ranged from dusty drives over waterless areas to swimming swollen streams of ice cold water. The drives passed through areas infested by hostile Indians. The men were away from home and loved ones for weeks and months at a time with limited contacts with civilization; often the fringe of civilization where the dregs of humanity gathered to practice their numerous nefarious trades in connivance with or in open defiance with law and order. Homesick, companion-hungry cowboys with weeks of unspent wages were welcome guests.

Sickness and the lack of medical attention and accidents took their toll from the men making these drives. Some were left in shabby and scantily marked graves to await the Final Roundup. This number would have been much larger with a less rugged and resourceful group than these early-day trail drivers.

From 1865 to 1885 millions of cattle traveled up the trails from Texas to the Northwest. The railroad was built into Abilene, Kans., by 1867 and thousands of these trail cattle were loaded into stock cars and shipped north and east. Others pushed on north to graze lush grasses for two summers and were then shipped to market as grass fat bees.

The peak of the trail movement extended from 1870 to 1880. The drives dropped considerably by 1885 and was a mere trickle by 1890 and they were practically over by 1895. The country traversed by the different trails was being settled. Barbed wire fences were numerous and had legal backing. A new means of transportation had been born.

Railroad builders had long been conscious of the vast amount of revenue they were missing by not being in position to haul these millions of tons of livestock from the home ranges in Texas to their grazing grounds in the Northwest and then to consuming centers in the East.

The different railroads had been eager and diligent in correcting this condition. Hundreds and thousands of miles of ribbons of steel had been pushed into the range lands and a new era in the livestock industry in Texas began to unfold. Paradoxically it marked the beginning of the decline and the eventual passing of the Longhorn. His origin and development has no parallel in beef cattle annals and his passing is a tribute to progress and better breeding.

The Longhorn had focused the spotlight of attention for feeders and consumers on Texas as a producer of vast amounts of beef. Texans had been willing cooperators and had enjoyed this position because it had brought vast sums of money to Texas that stimulated the lives of the ranchers and their families. Their resourcefulness in gaining this distinction and prestige was just as determined and diligent to retain this position.

W. S. Ikard of Henrietta, Texas, attended the Philadelphia Centennial in 1876 and saw a new kind of beef animal on exhibition. It was a Hereford, a breed that has its origin in Herefordshire, England. He admired this Hereford so much that he decided he must have one. He is credited with bringing the first Hereford to Texas. This was a challenge to admirers of other beef breeds, Shorthorns and Aberdeen-Angus and this marked the beginning of a better breeding program that pushed out and absorbed the Longhorn. The friendly battle between these three beef breeds has never

Your livestock can



pay higher profits!

Here's How: Fortify them against mineral deficiencies with Cudahy All Purpose Mineral Feed! Every year livestock feeders are *robbed* of millions of dollars of profit by lack of minerals in grains and grasses. Poor quality meat, low milk production, weak or still-born young, brittle bones, goiter and many more money-robbing maladies are the inevitable result. Cudahy All Purpose Mineral Feed has for its backbone the two minerals animals need most—calcium and phosphorus. *Over 50%* of Cudahy All Purpose Mineral Feed is steamed bone meal, Nature's best-balanced, most digestible mixture of calcium and phosphorus. There's an abundance of the *other* essential minerals, too, for your complete profit protection. So, for bigger, better, more profitable livestock—*don't take a chance!*—supply Cudahy All Purpose Mineral Feed!

Available in 100-lb. bags or 50-lb. wind-and-rain-resistant Blox.



PROVIDES THESE ESSENTIAL MINERALS...

Calcium Phosphorus Iron
Salt (Sodium and Chlorine)
Copper Iodine
Cobalt Manganese



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Last month I was telling you how the West progresses. Well, seems like there's no end to how far things can go. Just the other day I was reading in *The Saturday Evening Post* about a cattle outfit down in Texas that gets roundups under way by using thirty radio-equipped trucks and chuck wagons. And this herd of talking vehicles isn't all. The article goes on to tell about another Texan who keeps in touch with every corner of his ranch with a powerful radio station, plus a fleet of eighty-five cars and planes equipped with receiving sets.

Sounds like these fellas might have really started something. Why, the day might not be far off when we'll be turning on our sets and finding out that CBS stands for the Cattle Broadcasting System, probably feudin' with the Moo-tual System.

Looking ahead a few years when television takes over, the sky should be the limit. The day'll probably come when cutting horses may never leave the corral but will be all dolled up in TV make-up doing their jobs through fast-turning cowpokes with television sets hung around their necks.

But you don't have to project yourself into the future to find every day wonders. Take Penivet® for instance ... there's a wonder you can take advantage of right now for treatment against shipping fever, strangles, anthrax and a heap of other cattle diseases. Like I've told you, Penivet is the best veterinary penicillin you can buy 'cause it's made with the same care and exactness that goes into our human penicillin. Penivet in your syringe will mean money in your jeans. Good as Penivet is, though, you've got to give your sick animals enough of it if you want best results. Here's a rule of thumb that you'll find handy ... give 2,000 units for every pound of animal. Remember it next time you start dosing.

See you next month.

Ol' Bull

CUTTER LABORATORIES
Berkeley, California

let up. Each has been strengthened by its effort to excel the others.

The present city of Fort Worth had its origin when on June 6, 1849, it became a military outpost. Its early-day existence was uneventful. It suffered the usual hardships of other towns born on the western frontier. Faith, hope and western determination kept it going. Tarrant County was created on December 20, 1849. Fort Worth was incorporated on March 1, 1873.

Cattle played an important part in the early-day history of Fort Worth. Cattle were the dominating commodity around which the economic and social life of Fort Worth grew and expanded. As other industries came along they recognized the importance of the cattle industry and willingly accepted it as the leader. Many years ago Fort Worth became known as Cow Town and still likes to be known as Cow Town. It is regarded as an honor rather than a belittling designation.

During the trail days Fort Worth was an outfitting place for the trail wagons and cowboys. It was on what was known as the Eastern trail that merged with others at Red River and became the Chisholm Trail that went to Abilene, Kans.

There were many railroads proposed and chartered in Texas from 1848 to 1860 but only a few got beyond the charter stage. The first railroad to be built and operated in Texas, and the second one west of the Mississippi River, was the Buffalo Bayou, Brazos and Colorado Railroad. It was chartered February 11, 1850. Work began on it in 1851 and service was inaugurated over a short length on September 7, 1853. The year 1870 marked the beginning of a railroad boom in Texas. Fort Worth got its first railroad on the morning of July 19, 1876, when the first T. & P. Railroad engine crept into the city limits from the east on rails without the benefit of a grade in a race with time to make a deadline that had been extended several times. Other railroad builders became interested in Fort Worth and it soon assumed a place of prominence as a railroad center in Texas, a distinction it still enjoys because of the incoming and outgoing tonnage.

The building of railroads in Texas marked the end of some and the shortening of many other freight lines served by wagon trains. These wagons were cumbersome and slow moving and were drawn by oxen, horses and mules over routes that were little more than trails that were dusty, full of chug holes, muddy and water bound according to the varying weather conditions. Like the Longhorn and the trail drives, the wagons and overland freight lines were on their way out to make way for more modern transportation systems.

The year 1868 was an eventful one in respect to the cattle industry. The refrigerator car was invented. This made it possible to establish packing plants nearer producing centers and then be able to transport the beef to heavy consuming centers without loss at all seasons of the year.

Barbed wire was patented in 1868 and first placed on the market in 1875. This spelled the end of free open range grazing and the erection of barriers that discouraged trail driving. Some say the first barbed wire sale was made at Gainesville.

The big Spade Ranch near Colorado City has an interesting connection with barbed wire. I. L. Ellwood of Illinois became interested in barbed wire and made

a fortune off of it. He invested heavily in Texas land. His son, W. L. Ellwood, became the owner of the ranch and it is still operated by his estate.

Fort Worth is an important milling center in Texas. It assumed this position in the early days when the railroads came in. Today it is the center of an extensive feed manufacturing industry that serves the livestock industry over a wide area. Some of the descendants of the men who were connected with the early-day milling industry are prominent in today's milling activities.

It was in 1902 that two of the major packing companies, Armour & Company and Swift & Company, started work building sizable packing plants in Fort Worth for the processing and shipping of meat products to other centers. These plants went into production in 1903 and since that time millions of animals have been shipped to Fort Worth for processing.

Other processing plants have been added to the group doing business at Fort Worth. During recent years many small packing plants have been established in Texas near the range producing sections.

Other major processing centers in Texas for the handling of livestock include San Antonio, Houston, El Paso, and Amarillo.

Owners of livestock and their friends who appreciated their importance and were anxious to see further progress made backed a program for opening the first show in the Southwest, the beginning of the present day Southwestern Exposition and Fat Stock Show. That was in 1896. For lack of better accommodations the animals entered in this show were tied to trees and fences. It bore fruit in more ways than one. It has been of major importance in keeping Texas as a leader in producing quality livestock. The present show buildings are a source of pride to show officials and exhibitors alike. Other cities followed Fort Worth's example and they too have important livestock shows such as San Antonio, Houston, San Angelo, El Paso, Amarillo, Lubbock and the State Fair of Texas to mention only a few. Denver has a major show as does Kansas City.

The first Hereford calf registered in America was in 1879. Since that time 7,000,000 Herefords have been registered. Breeders in Texas register more Herefords than in any other state. During the last fiscal year, Texas Hereford breeders registered 66,078 out of the 506,061 registered in the United States. This was about 13 per cent of the nation's total. Kansas was second and Oklahoma was third in registrations. The American Hereford Association has headquarters at Kansas City.

According to the records of the American Aberdeen-Angus Breeders Association of Chicago, Texas Aberdeen-Angus breeders registered 7,162 animals for the fiscal year that ended September 30, 1951, to take fifth place for the United States. Missouri takes first place and Iowa and Illinois rank second and third.

The American Shorthorn Breeders' Association, with headquarters at Chicago, reports an increase of about 30 per cent in registrations for the past fiscal year with a total of 62,616. Texas was ninth in the number of Shorthorn registrations.

There are state associations and numerous area associations for Herefords, Aberdeen-Angus and Shorthorns in Texas.

There is another major beef breed that

How these bakery "trouble shooters" help make your farming more secure!



When bakers have problems, they often call on the Armour Research Bakery for help. Our bakery experts tackle all problems—from tracking down reasons for cake failures to designing new refinery products to fit a baker's particular requirements. New recipes are developed, tested, and offered regularly along with the latest technical information—free—to the 27,000 wholesale and retail bakeries throughout the nation.

Every bakery is a customer for many of your "raw materials"—lard, shortening, fats, oils, eggs, milk, butter, soaps and glycerine, for example. So, by helping bakers make better products, by helping bakers sell more, Armour helps increase the demand for the "raw materials" you produce, too.

This is just another of the many ways Armour works to make your farming more secure!

How to be your own best customer . . .

Next time you go shopping and see the Armour name on food products or on soap, remember that the "raw materials" used to make these quality products may have come from your own farm. So try some—start being your own best customer, today!



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* Buyer of hogs, cattle, calves, sheep, lambs, milk, cream, chickens, turkey and eggs.

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is popular in Texas, Brahman cattle. They, too, have a breed registry. Brahman cattle are natives of India. They first came to the Atlantic Coast but soon came to Texas where they have made their greatest progress.

The Santa Gertrudis cattle represent the first beef breed to be developed in North America. It has its registry. This breed resulted from the crossing of Brahman and Shorthorn cattle, three-eighths Brahman blood and five-eighths Shorthorn blood. These cattle are rugged, smooth and meaty and are cherry red in color. They were developed over a period of years and hundreds of matings by the King Ranch in South Texas.

Brangus cattle, a crossing of Brahman and Angus, are demanding attention. The San Antonio show provides a class for them in the annual livestock show.

On January 1, 1951, Texas had 9,260,000 cattle and calves, according to the estimates of the U. S. Department of Agriculture. The value of these animals was placed at \$1,314,920,000.

The cattle population for the entire United States on January 1, 1951, was estimated at 84,179,000, representing a valuation of \$13,441,384,000. These figures tell a very convincing story as to the importance of Texas in the production of beef animals.

Texas has gained considerable prominence in show circles because of the number of steers that have been bred or fitted in Texas that went to major shows over the country and won championship honors. To mention only a few of them would include champions. This includes the steer, Judge Roy Bean, that was

grand champion of the 1949 Chicago International and sold for \$13,800. He was fed and shown by the Pecos County 4-H Club Boys. Another was Big Spring Special that was shown by Loyd Robinson of Big Spring. He was grand champion steer at the 1950 Chicago International and sold for \$12,300. The 1950 reserve grand champion was another Texas Hereford that was shown by the Pecos Club and sold for \$5,160. His first adventure in the show ring was under the guidance of Sim Reeves, Jr., a Pecos County 4-H Club boy who showed him to the grand championship at the State Fair of Texas.

Sim Reeves showed the grand champion steer at the 1950 American Royal at Kansas City that sold for \$4.01 a pound.

Roy R. Largent of Merkel, who is now president of the American Hereford Association, had the reserve champion steer at the 1948 American Royal and

the grand champion at the 1949 Cow Palace show in California.

The grand champion steer of the junior livestock show for 1951 at Chicago was an Aberdeen-Angus bred by Tommie Brook of Camp San Saba, Texas, and fed by an Oklahoma club boy.

A 4-H Club boy from Big Spring, Edgar Allan Phillips, had the grand champion of the Eastern National Livestock show at Timonium, Md., the fall of 1951. It was a junior yearling Hereford sealing 1,075 pounds.

It was the Longhorn of yesteryears that served Texas so well and drew nationwide attention to Texas as a cattle producing state. Today it is well bred beef animals that are thick, deep and well proportioned that continue to hold the spotlight of admiration of feeders of show and market topping cattle.

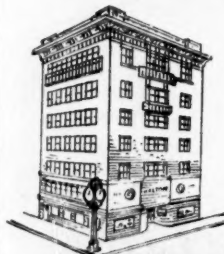
Vitamin Trouble

MANY cases of vitamin A deficiency develop in farm animals during the winter months. There usually are two important factors behind these cases: First, the animals were not on good pastures for long enough during the warm season to build up a sufficient reserve of vitamin A to carry them through the winter; and, second, the hay they get may not supply enough of the vitamin, in the form of carotene, to meet their minimum needs. Even the highest quality hay gradually loses its carotene in storage, with the result that very little of this important nutritional element is left after a few months in storage. Producers facing such trouble find that it pays to feed a vitamin A supplement throughout the winter.



"Hurry up. My arm's gittin' tired!"

HALTOM'S *New and Improved Services for you*



Our new Jewelry Factory enables us to offer improved facilities in the repairing and manufacturing of Jewelry.

We invite your inquiries concerning Special Order Jewelry; Silver and Gold Repairing and Replating; Baby Shoe Metalizing; School Rings and Pins; Medals, Plaques and Trophies; Club Pins; Awards; Special Order Novelties.

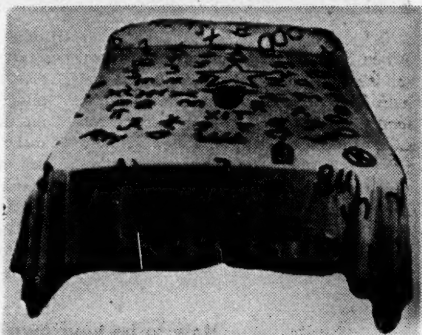
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The House of Diamonds
MAIN AT SIXTH—FORT WORTH

Serving Texas Since 1893

Personalized Western Bedspread



BX-13—"Longhorn." 132 well-known cattle brands and steer's head in Desert Rust yarns on White-Tan-Gold backgrounds of best quality sheeting. Also with Hereford head if wanted; be sure to state which. Your own brand may be added in star above steer's head if wanted.

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|---|------------|
| Double or twin sizes..... | \$10.00 |
| Matching drapes 39 x 90 each panel..... | Pair 10.00 |
| Matching rug, 27 x 44..... | Pair 6.00 |

Add \$1 for your own brand, and send sketch as wanted. Send check or money order and we pay the postage. Your complete satisfaction guaranteed.

Dealer Inquiries Invited.

TEXAS CHENILLE MANUFACTURING CO.
GRANDVIEW, TEXAS



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THE PERFECT GATE FOR W-I-D-E OPENINGS...

ALPRODCO ALUMINUM LIFE-TIME GATES

LIFE-TIME GATES are now used by ranchers and farmers in every state and many foreign countries. For pastures, show pens, feed yards and entrances, LIFE-TIME GATES will end your gate worries forever and will give a lifetime of satisfaction. Constructed of tempered aircraft aluminum, ALPRODCO LIFE-TIME GATES carry a lifetime guarantee against sag, warp or unsightly red rust. LIFE-TIME GATES sell complete with heavy "Duro-cast" aluminum hinges with 6" screw hooks and a unique "Duro-cast" aluminum self-locking slide latch.

**The best gates ever built
... and the cheapest to own!**

WRITE FOR FREE
BOOKLET

| * SPECIFICATIONS | | | |
|------------------|---------------|----------------|--------------------------|
| OPENING LENGTH | NO. OF PANELS | WEIGHT IN LBS. | *PRICES (F.O.B. Factory) |
| 16' | 5 | 60 | \$40.45 |
| 16' | 6 | 68 | 45.55 |
| 14' | 5 | 52 | 36.95 |
| 14' | 6 | 59 | 41.65 |
| 12' | 5 | 42 | 29.95 |
| 12' | 6 | 49 | 33.85 |
| 10' | 5 | 39 | 27.20 |
| 10' | 6 | 46 | 29.85 |
| 4' | 5 | 18 | 11.45 |
| 4' | 6 | 21 | 12.70 |

*ALL GATES 52" HIGH
& 4" SHORT OF OPENING LENGTHS LISTED

*Prices slightly higher in extreme west.



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MANUFACTURERS

See your local dealer or order from factory in your territory:

1. Alprodc, Inc., Dept. C, Mineral Wells, Tex. (Main Off.)
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5. Atlantic Aluminum Co., Dept. C, Waynesboro, Virginia
6. Cartwright Co., Dept. C, Collierville, Tennessee
7. Dering Industries, Dept. C, Scappoose, Oregon
8. Henry Field Aluminum Prod., Dept. C, Shenandoah, Ia.
9. Marshall Co., Dept. C, 4747 West Colfax, Denver, Colo.
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STRONG and durable with a LIFETIME of maintenance-free service assured by the exclusive use of tempered aircraft aluminum.



LIGHT on the hinge-post, easy to hang and a pleasure to open. LIFE-TIME GATES are not a barrier but an inviting doorway to your property.



New, rolled edge safety panels used in LIFE-TIME GATES give complete protection to valuable animals, eliminating ordinary hazards of splinters and sharp edges.

Ed C. Lasater

(Continued from page 21)

He was progressive in every way, ready to accept and put to use new ideas and conveniences. He made full use of the telephone. He had numerous lines strung through the brush country connecting his ranches each with the other, making it possible to contact any of them at any time.

A market for his cattle was Lasater's big problem at this time. Like his Mexican neighbors he had to drive his large herds to the railroad for shipment. Finally through his influence the San Antonio and Aransas Pass Railroad started the construction of a branch line into the northeast corner of his ranch. In 1902 the first train ran 184 miles from San Antonio to Falfurrias, the townsit which he had donated. Prior to completion of the new railroad station a box car was used. The average man would have named the capital of a new country which he had developed Lasaterville, but he didn't. The great work which he was to do was not for Lasater but for the country and his fellow man.

The townsit of old Falfurrias is still upon the Lasater ranch. When he came to the country this settlement consisted of a general store by the side of a dusty road, and a few scattered adobe homes of Mexican settlers. When the railroad came to the ranch a new townsit was donated by Lasater. Where would it be? He and a few friends rode east several miles from La Mota to find a location. In the distance they saw a coyote standing on a small hill barking its defiance of mankind. "We'll build the town where the coyote stands," Lasater said. The court-

house today stands on this small rise, which is the highest spot in the modern town of Falfurrias.

As one writer said, "Achieving, fencing, watering, stocking and developing a ranch of 380,000 acres in less than a decade from a standing start was no easy or simple task." During those trying years Lasater actually carried his life around in his hand. Rustlers stole many of his cattle and he was harassed with many vicissitudes. When he took visitors over the ranch they traveled in a two-wheel cart behind a pair of swift horses. There was always a rifle in the seat beside Lasater and a big revolver upon his hip. These were "safety first measures," he explained.

Despite his years of handling great numbers of beef cattle the big dream that Lasater dreamed in La Mota was to create a prosperous dairy farming community in the Falfurrias country. He de-

veloped this dairy in a most unusual way. He sold 60,000 acres of his ranch land to colonists and the proposition he made them was so encouraging that they scrambled for land. He felt there was greater opportunity in raising cows for milk than for beef. He believed that one dairy cow would produce as much under his conditions as four or five steers and of all dairy cows the Jersey was the best producer of butter fat. He always respected a good milk cow and it was a strict rule on the ranch that the cowboys keep milk around the chuck wagon during round-up days. He said they needed the milk for their coffee and for its good food value. He detested the use of canned milk when fresh milk was at hand.

When looking for financial help for this big dairy program he went to a San Antonio bank where he had done many dollars' worth of business in past years. The banker advised him to drop his

A 4-year-old Beef-master herd sire on the range at Falfurrias, Texas.



STOCK SHOW VISITORS

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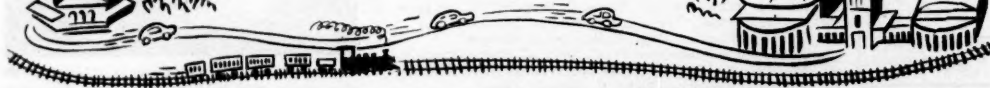
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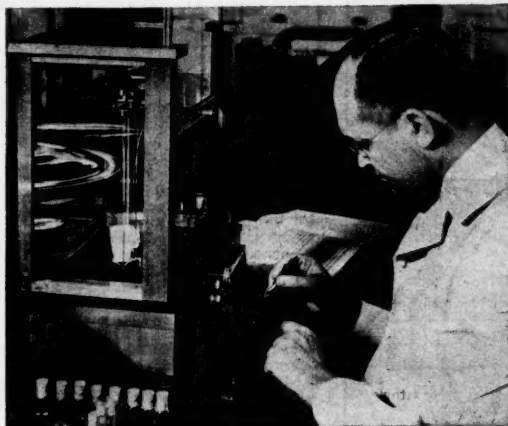
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This means that every pound of mixed feed or concentrate containing "Two-Sixty-Two" gives you greater value for your feed dollar. It provides a major advance in the constant improvement of manufactured feeds.

Thousands of farmers and ranchers have been getting excellent results with these improved feeds containing "Two-Sixty-Two" feed compound. And research by Du Pont and by state experiment stations across the nation is developing new knowledge of how it improves



feeding results. For example, "Two-Sixty-Two" helps to improve the digestion of roughage, and improves the efficiency of the entire ration for beef cattle, dairy cows and sheep.

Each year, nearly a million tons of beef, dairy and sheep feeds are made with "Two-Sixty-Two" as a source of protein. Because of today's critical supply situation, however, your feed manufacturer may not be able to give you the benefits of "Two-Sixty-Two" in all his beef, dairy and sheep feeds. But when you see the words "equivalent protein from non-protein nitrogen" on the feed you buy, you know your supplier is using an outstanding new development in livestock nutrition to make your feed a better buy.

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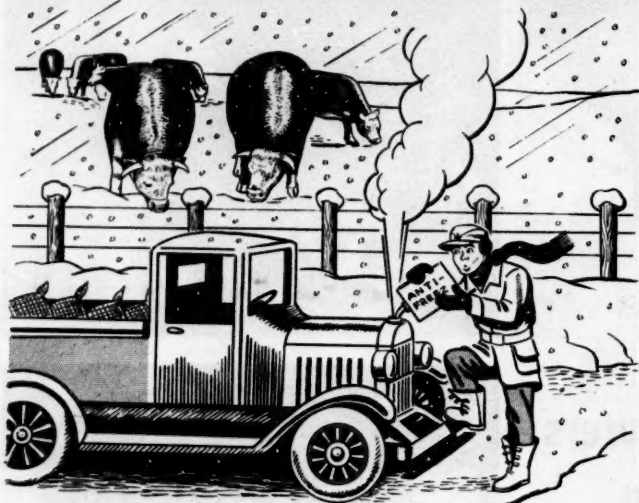


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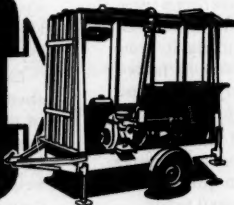
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scheme, telling him, "It's not worth a damn." Instead he offered Lasater financing to go as far as he liked in straight ranching, and suggested he enter the banking field. Lasater replied, "There are hundreds to run banks, but if I do not develop my plans no one will do it." This was in 1906, and without backing from the banks he began his project. He set aside 60,000 acres of land the next year for a dairy farm.

The land was located between the towns of Falfurrias and Realitos and was divided into farms varying in size from a quarter section to 640 acres. He built and opened roads through this big tract, erected school buildings, and improved a number of the farms to show prospective customers. Then he formed a land-selling organization which put on an immense campaign covering the entire central western part of the United States. The settlers came to Falfurrias by trainload, looked at the country and believed in Lasater's program.

Lasater was convinced that the Jersey cow offered the quickest and surest profits and had tested such a program for two years before he started colonizing his 60,000 acre dairy country. He was certain that the future for dairying in his section was bright and that Jersey cattle would build a substantial and happy community. During this year he established another fact of great importance. He learned that the highest producing cow was the cheapest cow regardless of any first cost within reason. "This point needs all the emphasis which can be given for it was from that time on the guiding factor in all breeding operations," he often said. If any female animal on the ranch did not give sufficient milk for her offspring she was disposed of, even the cats and dogs.

Lasater encouraged his colonists to "The Land of Heart's Delight" by accepting one-fourth cash for the farms and the balance in ten years. Provisions in the terms stated that the colonists must raise feed crops, and build barns and silos. When they were ready to milk, he sold them Jersey cows at reasonable prices with no cash down, allowing them to pay for the animals with one-third of the proceeds from their monthly cream checks.

To further show the type of man that he was, he sent word to these farmers in extremely bad years to keep their cream checks that month and resume payments later. He was fearless, quiet, indomitable, kind and fair in his dealings. Friends said that he was "buoyant and unassuming, singularly refined, respectfully courteous and commanding of respect." They likened him "to a seaman who was accustomed to watching far horizons." He was a man of medium build, well groomed in appearance. There was a gentleness in his face that inspired confidence in his many Latin American friends, as well as the American colonists.

To provide an outlet for his products and those of the colonists he built the Falfurrias Creamery. In this large capacity plant quality was the watchword from the beginning. Butter was made from rich Jersey cream and it was called Falfurrias Sweet Cream Butter, the name it retains today. From the beginning the demand exceeded the supply.

As fast as barns and silos could be erected and an adequate supply of seed be provided, additional cows were purchased and the daughters of the best procurable sires raised. Finally Lasater

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Time-proved SULMET Sulfamethazine *Lederle* is available in six dosage forms: POWDER, TABLETS, OBLETS*, TINTED EMULSION (for pink eye bacterial infections), SOLUTION 12.5% (for use as a drench, if desired), and INJECTABLE SOLUTION (by, or on the prescription of, a veterinarian).

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had the largest and best herd of Jerseys in the world.

"Few men ever went more clearly against the conventions of his industry, the range cattle business, than Lasater when he sought to introduce Jerseys into a country just then spending untold thousands of dollars for high quality beef producing sires and where the word Jersey was anathema," wrote John Hendrix in *The Creamery Journal* in 1942. "Another hazard in his venture was the fact that his ranch land was not even central to the great state and his potential business and local support rested largely among scattered Latin-Americans that must be trained and developed in new methods of agriculture. The great Magic Valley of the Rio Grande had not achieved its distinction and the cities of Houston, Galveston, and Corpus Christi were in their swaddling clothes. Highways had not been developed," Hendrix concluded. But Ed C. Lasater, steeped in the traditions of Texas and its cattle history, backed his visions with his cash, credit and 60,000 acres of land, and in time the project had become a successful reality.

Lasater traveled over the country visiting the Jersey markets of the world and bought and bought, but always the best. Worn sales catalogs in the Lasater Ranch office have dim pencil markings after the names of top cattle, "Sold to Ed C. Lasater." These fine cattle and their offspring went on the show circuits of the nation and won undying fame in Jersey history.

While Lasater considered the show ring records to be of secondary importance, Falfurrias Jerseys brought him the coveted premium breeder and exhibitor banner more times than any other one breeder in the United States. His prize winnings from 1912 through 1929 were 69 grand championships, 65 senior championships, 63 junior championships, 560 first prizes, 160 second prizes, and 62 third prizes at 73 national and regional state fairs and exhibitions.

Lasater was especially disposed to buy good sires and when he started bidding he was the last one to stop. He would often buy as many males as females. At the Linden Grove Jersey sale one year he bought so many males that one man remarked, "That man from Texas must be starting a bull dairy." Many times on that memorable day men asked, "Who is this man Ed C. Lasater from Texas, and where in Texas is Falfurrias?" When one learned how many blue and purple ribbons his cattle won at national shows and leading fairs, it was realized how wisely he had bought. At its zenith there were 475 Register of Merit cows in the Lasater herd and 670 R. O. M. records. Thirty-five cows on test averaged 62.44 pounds of butter-fat for the month.

Having achieved his fondest dream of developing the Falfurrias country into a successful dairying community, Ed Lasater began to disperse his big dairy herd in the 1920's although top seed stock was always held back for future operations.

"The passing of the Lasater herd was regretted in dairy circles but the wide distribution of these cattle in Texas benefited the entire dairy industry of the state," wrote *The Cattleman* magazine in September, 1931.

In spite of the time and energy required to develop the dairy community Mr. Lasater was simultaneously carrying on a very large range operation, running about 20,000 cattle.

In the early days Lasater used purebred Shorthorn and Hereford sires and

Install A **PUSH-OVER** Automatic Gate...

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*Watch the February and March issues of
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because many purebred cows were also in the herd, he had numbers of prize-winning animals of these breeds and they were considered among the finest cattle in the Southwest. He was partial to the Herefords with red around their eyes, for experience had taught him that they were less susceptible to the effects of heat and the glaring sun. During this time the Brahman cattle were beginning to be imported to Texas from India. It was learned that they were quite resistant to the Texas fever ticks and other insects. In 1908 Lasater began using Brahman sires and was the first in this area to cross these cattle with his Shorthorns and Herefords. He liked the results and he became convinced that the hybrid was a thrifter, sturdier animal and one which would mature earlier and fatten out more quickly. This was the beginning of the famous Beefmaster herd of today owned by Tom Lasater, youngest son of Ed C. Lasater.

It was fitting that Ed Lasater should be honored with the presidency of Texas and Southwestern Cattle Raisers Association, since he had accomplished so much in the ranching and dairying line. He was elected president in 1911 and served only one year. When elected he said, "I shall make no attempt to express in words my appreciation of the honor which you have conferred upon me. I shall endeavor to show that appreciation by bringing to your service the best that I have."

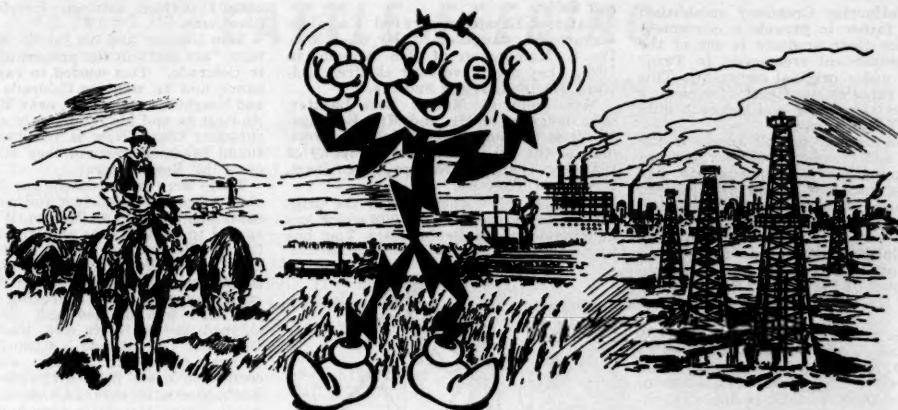
When Lasater was elected the nomination first came from North Texas and Oklahoma delegates before South Texas had an opportunity to put forward her favorite son. This showed his widespread popularity as a successful ranchman and leader throughout the country. He always stood high in the councils of the Association and his influence as a builder did much to keep Texas at the front. Although Lasater had meager schooling in the actual schoolroom, his wide reading of good literature throughout his lifetime, coupled with many years of experience in the cattle and dairying business, made him a brilliant and powerful speaker. He delivered many technical and scientific speeches before cattlemen and other groups. Many of these old speeches are on file in the Lasater Ranch office and are full of ideas and information still vital to cowmen. He was always a close student of the stockman's problems and was constantly fighting for free operation of the law of supply and demand.

He refused to serve a second year, saying, "If we confine our work to a few men only a few will be able to do anything. We must give every man in the Association a job. I believe in a policy of rotation."

At one time he was a member of the United States Food Administration but resigned under President Herbert Hoover with the explanation that he considered the policies which controlled the administration work harmful to the common welfare. This was another example of his fearlessness and determination to pursue a course that he believed was just and fair to all.

Tom Lasater, youngest son, had always followed in his father's footsteps where cattle ranching was concerned. He had an inborn love for the business, was keen to catch on and never thought of being anything else but a ranchman. It was natural then that after his father's death in 1930, he would carry on the ranching end of the business. His brother Garland took over the management of the Falfurrias Creamery and Jersey herd along with other Falfurrias business opera-

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tions and community responsibilities such as serving as trustee for the Falfurrias Independent School District and as a member of the Commissioners Court of Brooks County.

The Falfurrias Creamery established by their father to provide a convenient market for their products is one of the oldest independent creameries in Texas operated under original ownership. This business supplies the finest of creamery butter, cottage cheese and Grade A milk to large Texas markets.

Garland Lasater is well known in the dairying and creamery business and has had many deserving honors. He has served as president of the Dairy Herd Improvement Association of Brooks, Jim Wells and Duval Counties. In 1940 he was elected president of the Texas Jersey Cattle Club, a position his father held twenty years earlier. He has also served as a member of the Dairy Advisory Committee of the Texas Dairy Products Association.

Both he and his brother Tom attended prep school at Andover and later went to Princeton. Both quit school when their father passed away and came home to look after their various business operations.

Garland graduated from the Air Corps Advanced Flying School at Kelly Field in 1929 and was commissioned a second lieutenant in the Air Corps Reserve. In July, 1941, he was called to active service as a captain and assigned to duty in the Central Flying Training Command. He served successively in the ranks of major and lieutenant colonel throughout World War II.

Mrs. Tom Lasater was Mary Casey, daughter of Mrs. Ethel Casey, Albany,

Texas, and a granddaughter of the late Judge and Mrs. J. A. Matthews, pioneer settlers of Shackelford County, Texas. She and Tom were married in 1940 and have four children, Laurie, Dale, Lane and Sally.

Garland Lasater married Carolyn Kampmann, daughter of Mr. and Mrs. Ike S. Kampmann of San Antonio in 1935. They also have four children, Edward, Garland, Peggy and Ike.

Mrs. John F. Maher, Lois Lasater, only daughter of Mr. and Mrs. Ed Lasater, lives in Houston. Mr. Maher is president of the Oil Center Tool Company of that city. Their children are John, Albert, Mary and Timothy.

Although his father started the original breeding program in 1908 which has culminated in the Beefmasters, Tom has

carried it forward and the work that he has accomplished is remarkable, and would make a story by itself. Today Beefmasters average a little under one-half Brahman blood with the balance about equally divided between Hereford and Shorthorn.

Tom Lasater and his family, as he admits, "are sorta in the process of moving to Colorado." Tom needed to expand his ranch and he went to Colorado in 1948 and bought a ranch there, near Matheson. At first he and his family only spent the summers there. Now it is almost year-round headquarters and they all love it, even the Beefmasters!

There were other reasons for this move also. Aftosa, dreaded foot and mouth disease, was rampant in Mexico. What if it spread to South Texas and wiped out his famous Beefmaster blood? In his heart Tom knew that his fine cattle would thrive on any range, but the Colorado ranch lands would be a proving field. So the herd was divided and some were shipped to the high cold pastures of Colorado. The altitude is 6,000 feet. The extreme change in climatic and range conditions made little difference to the Beefmasters, he says. In Colorado, as in South Texas, the cattle were handled under strictly range conditions, without access to barns. On the open range they have experienced temperatures as low as 26 degrees below zero with no ill effects whatsoever. Tom says that Beefmasters are adaptable to any range anywhere.

Tom leases the family ranch at Falfurrias as well as a ranch north of town. He owns two ranches in Colorado. He is a member of the board of directors of the Texas and Southwestern Cattle Raisers Association, and is a director of the



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Bennie H. Schmidt.....La Grange, Texas
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Changing feeder calves to fat cattle—adding quantity and quality to the beef supply, has become a tradition on the Ross Buchanan farm near Northwood, Iowa, during the past 43 years.

"I have marketed the corn and hay from my farm during this time by feeding out about 5,000 feeder cattle. My sons, Wilbur and Bruce, are now partners with me in the farming and cattle feeding operations. They did some figuring awhile back, and decided we had marketed about 5,000,000 lbs. of fat cattle, or around 3,000,000 lbs. of quality beef."

"Cattle feeding is risky business and the first thing that I try to do is cheapen the initial cost of my feeder cattle by wintering the calves on silage, hay and protein as a hedge against a change in the market. Then about the first of March, I put them on a full feed of grain and hay. I keep them on full grain feed even after they go on pasture in May, and they are fed this way until the frost gets the grass. I usually give them 6 to 8 weeks dry lot grain feeding before they go to market in November weighing 1,000 lbs. or better. Feeding on good grass cheapens the cost of gain and is another hedge that more and more cattle feeders are using in this part of the country."

"The biggest change I have seen in cattle feeding is in the kind of cattle we feed. I used to buy 2-year-olds, then yearlings, and in recent years we have started with calves weighing around 400 lbs. Consumers want beef from higher quality, lighter weight cattle these days, and this is the kind that has been the most profitable for us in recent years."

"Feeding cattle gets to be a habit, but the main reason I have stayed with cattle feeding ever since I started farming is because it furnishes the best market for my hay and pasture crops, as well as most of the corn I grow. By furnishing the experience and labor, I can usually get a little more out of my corn through cattle than if I sold it to someone else to feed. By putting my hay, pasture and corn through the cattle here on the farm, I have kept my soil in a high state of fertility. My land needs cattle, and you will never find a better partnership than Land, Cattle, and Man—if man will do his share."



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| Boston, Mass. | Lenox | Oct. 2-6 | Minneapolis, Minn. | Dyckman | Jan. 22-26 |
| Toledo, Ohio | Lorraine | Oct. 8-13 | Newark, N. J. | Essex House | Feb. 5-9 |
| Allentown, Pa. | Lehigh Valley Cooperative | Oct. 30-Nov. 3 | Harrisburg, Pa. | Bolton | Feb. 12-16 |
| Farmers Auditorium | | Oct. 30-Nov. 3 | Cleveland, Ohio | Allerton | Feb. 19-23 |
| Fort Worth, Texas | | Nov. 13-17 | Denver, Colo. | Albany | Mar. 4-8 |
| Atlanta, Ga. | Atlantan | Nov. 27-Dec. 1 | Sheridan, Wyo. | Crescent | Mar. 11-15 |
| Richmond, Va. | John Marshall | Dec. 4-8 | Portland, Ore. | Washington | April 1-5 |
| Burlington, Vt. | Vermont | Dec. 11-15 | Sacramento, Calif. | Senator | April 8-12 |
| Kansas City, Mo. | Pickwick | Jan. 8-12 | Phoenix, Ariz. | Adams | April 15-19 |

GRAHAM SCIENTIFIC BREEDING SCHOOL

216 East 10th St.

Kansas City, Mo.

The Cattleman—Subscription rates: One Year, \$2; three years, \$5; five years, \$8; foreign, one year, \$4.

Texas Livestock Marketing Association. Since expanding his ranching operations to Colorado he has become a director of the Regional Cattleman's Association of that area.

Thus was cattle and dairy history made on the Lasater Ranch in the Falfurrias country and today under the same old trees where Ed Lasater dreamed his dreams, stands the rambling, modern ranch home of Garland and family. Nearby is the home where Tom and family live when in Texas. In the heart of the old grove is the schoolhouse or children's playhouse which Mr. and Mrs. Maher of Houston have remodeled and modernized. Here they bring their children for the week-end vacations. The Lasater grandchildren, 12 of them, romp through the grove and swing from the ancient boughs. Their laughter and delight echoes through La Mota.

From somewhere out of the blue Ed Lasater looks down and smiles in contentment. Surely his life was not in vain. The historic grove still harbors his loved ones and will continue to do so for years to come. His sons are carrying on well in his footsteps and who knows what dreams may yet be dreamed by younger Lasaters in the cooling shade of La Mota. Texas is still a land of opportunity for those with vision in their eyes.

Cattle Disease Spreading

A BIG question now confronting veterinarians and cattle owners is how to stop a serious and apparently spreading disease that often escapes detection.

On the basis of reports received from many places in the United States, the American Veterinary Medical Association says that bovine leptospirosis looms as a major new threat to cattle health.

Growing seriousness of the disease is confirmed by diagnostic reports from laboratories. There also is evidence that cattle may spread it to human beings under certain conditions.

Many cases are going undetected and undiagnosed because cows may be infected without arousing the owner's suspicion. Sudden illness, loss of appetite, fever, depression, and abortion are seen in some cases, but in other instances the only indication is thickening and yellowishness of the milk along with a drop in production.

First reported in the east in 1944, bovine leptospirosis has now spread as far south as Texas and as far north and west as Montana. No area can consider itself safe from the disease, according to the AVMA.

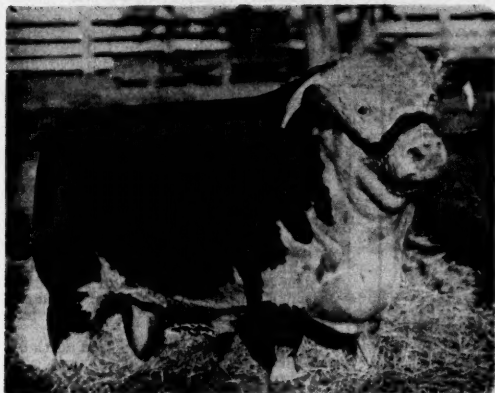
It is caused by a spiral-shaped germ that spreads fast and sometimes kills as many as 10 per cent of its victims. Cattle that recover may remain carriers of the germ for several months and thereby spread the disease to others.

A blood test shows whether an animal has the disease and a urinalysis reveals whether it is a carrier, but neither is widely used under practical farming conditions at present. This explains why the full extent of bovine leptospirosis is not yet known.

Antibiotic drugs are a promising treatment for this infection in cattle. Such drugs already have been used successfully against leptospirosis in dogs.

United States farmers now have nearly 4,000,000 tractors. And almost nine out of ten American farms now have electricity.

The Prepotency of a Top Breeding Bull is recognized by Top Hereford Breeders



We bought Noe's Baca Duke 10th because we believed this good individual carried the breeding that would "nick" with our top cows. We are even more convinced now that we made a good selection. His calves are really great—as evidenced by the demand by outstanding breeders who back their judgment with their dollars. The reception top men in the Hereford industry gave the get of the "10th" was very gratifying to us.

NOE'S BACA DUKE 10th

IN OUR RECENT SALE

- 7 sons sold for average of \$3,157.
- 7 daughters sold for average of \$1,482.
- 14 head \$32,475—average \$2,320.
- 7 cows with calves by the "10th" at side averaged \$1,774.

Second top bull at \$6,900 and second top female at \$3,350 were by him, and both were a year old. All other sons and daughters sold at less than a year old.

HIS SON



Baca Duke 244th sold at \$6,900.

HIS DAUGHTER



Miss Baca D. 1st sold at \$3,350.

VISITORS WELCOME



Nance Hereford Ranch

George Nance, Owner ★ Canyon, Texas

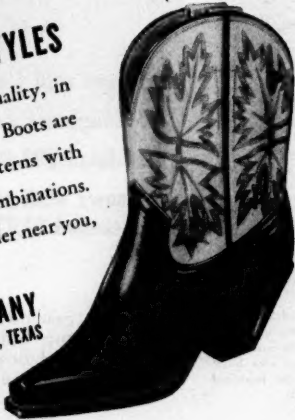
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"ELECTRONIC MICROSCOPE AND LABORATORY TEST" found seventy-seven per cent of the CARBOTEX PARTICLES to be as fine, and finer, than wheat flour and pure enough for HUMAN FOODS. Does that indicate a SUPERIOR CALCIUM?

"FEED AND MINERAL MANUFACTURERS," who use CARBOTEX, are paying some forty per cent more money for this quality calcium, than other types would cost.

"DOESN'T THAT MERIT YOUR PATRONAGE?"

"FEED CARBOTEX ON ANY TEST, LET IT PROVE
THAT IT IS BEST."

TEXAS CARBONATE COMPANY
FLORENCE, TEXAS

Roads North

(Continued from page 19)

in wages due them by the time they reached Dodge City. "Men" was a book-keeping term; they were mostly boys and while no tougher than modern youths, their inherent irresponsibility well lubricated with whiskey sunk a good many .45 caliber slugs in the false fronts of Dodge City and a good many cowboys permanently in the ground there.

More numbers does not make a successful drive and the peak year of 1871 was, for most drovers, a failure. The market was temporarily saturated and of the 600,000 head, more than half found no purchasers. A good many were shifted west to winter in Colorado and western Nebraska but the winter was an unusually severe one. That year Kansas shipped \$115,000 worth of cowhides and the beef was left to rot on the plains.

Dodge City never had enough of Texas drovers with easy money in their levis but eventually Kansas was fed up with Texas fever. They put an end to it all with a law which prohibited the entrance into Kansas of Texas cattle between the first of March and the first of December. No cattleman in his right mind would attempt a drive during the months left open to him.

Even while cattle were pushed north by the hundreds of thousands, Texas was bursting at the seams in other directions. Any rancher with a claim (they rarely owned much land) to less than a hundred square miles breathed crowded stuffy air. Those depressed by the sight on the horizon of anything on less than four feet moved west and north. On New Mexican reservations there were hungry Indians fed intermittently by an absent-minded, if not neglectful, government. Colonel Goodnight shoved herd after herd west to the Pecos and north to Ft. Sumner in the Sixties for purchase by Indian agents. Later he pushed onto Colorado pastures and as British capital rushed to stock Montana and Wyoming ranges, Goodnight delivered herds as far north as Cheyenne.

From the beginning right up to the day the cowboys were turned loose with cash in their pockets, a cattle drive was serious business. Small herds were unprofitable and herds larger than 3,000 were unwieldy. A foreman rode a mile or two in advance of the point of the herd to select the best road. Between the foreman and the point the cook drove the chuck wagon with its load of bedrolls and odds and ends of equipment—horseshoe nails, wire cutters, rope and such. Chefs of the cow trails were not particularly temperamental folk but they generally had one hard and fast rule which some enforced with a .45: no mounting of broncs within two hundred yards of the chuck wagon. This was an arbitrary but quite sensible regulation since meals were more prompt and there was less cleaning up to do when there were no hoof prints on the biscuits.

Somewhere around the point and generally to one side so that both the herd and the remuda might find grass, Little Joe the Wrangler kept the horses loosely bunched and pushed northward. The point of the herd was the place of honor and there the more experienced cowhands had no dust in their eyes as they guided the cattle in response to the arm signals from the foreman. Two men on the swing and two more on the flanks behind them kept the herd stretched out but moving. Three youngsters on the drag ate up the dust and cussed the laggards. Nine men, with

FOR BETTER

HEREFORDS



G. C. PARKER, Owner

CHELSEA, OKLAHOMA

SAM GURLEY, Manager

Thanks

Our sincere thanks to all of the bidders, buyers and those in attendance at our sale December 15. The good Herefords we offered were well received and we believe they will do a good job for their new owners located in eight different states.

| | |
|------------------|---------------------------|
| 15 Bulls | \$19,495. Average \$1,300 |
| 55 Females | \$75,905. Average \$1,380 |
| 70 Head | \$95,400. Average \$1,363 |

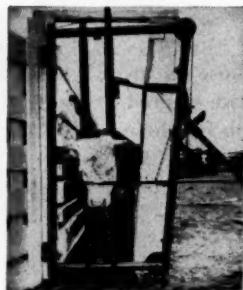
BUYERS:

| | | | |
|--------------------------------|--------------------------|------------------------------|--------------------------|
| W. E. Gardner | Claremore, Oklahoma | Turner Ranch | Sulphur, Oklahoma |
| Morlunda Farms | Lewisburg, West Virginia | Ray Rusk and Son | Wellington, Kansas |
| Milky Way Hereford Ranch | Phoenix, Arizona | W. S. Satterfield | Tulsa, Oklahoma |
| J. E. Hawkins | Broken Arrow, Oklahoma | Harvey Hereford Ranch | Ada, Oklahoma |
| W. E. Gardner | Tulsa, Oklahoma | Haberer Ranch | Gravette, Arkansas |
| Stan De Ranch | Watova, Oklahoma | Bianchi Hereford Ranch | Macon, Missouri |
| H. E. Bain and Son | Chattanooga, Oklahoma | C. A. Burnett | Girard, Kansas |
| Watson Ranch | Morris, Oklahoma | Dawn Hill Farm | Siloam Springs, Arkansas |
| Nance Hereford Ranch | Canyon, Texas | C. B. Quinlan | Tulsa, Oklahoma |
| Philson Farms | Bartlesville, Oklahoma | E. F. Stephens | Tulsa, Oklahoma |
| W. K. Semrad | Waukomis, Oklahoma | Weber Hereford Farm | Bartlesville, Oklahoma |
| Art Brinkerhoff | Lamar, Missouri | Greenhill Farm | Tulsa, Oklahoma |
| D. W. Thompson | Adair, Oklahoma | A. M. Barber | Broken Arrow, Oklahoma |
| T. T. Jarvis | Chelsea, Oklahoma | W. R. Marks | Vinita, Oklahoma |
| Hugh Breeding | Maysville, Arkansas | Wyoming Hereford Ranch | Cheyenne, Wyoming |
| R. G. Parnell | Broken Arrow, Oklahoma | Lee Smith | Claremore, Oklahoma |
| Claude Waussom | Bowring, Oklahoma | W. G. Skelly | Tulsa, Oklahoma |
| CK Ranch | Brookville, Kansas | Fred Reid | Muskogee, Oklahoma |
| W. D. Jackson | Miami, Oklahoma | | |



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COMPLETELY PORTABLE — Light weight, carry to any part of the range—tie into place, ready for work!
EASY AND SAFE — Adapt to any chute; no swinging gate — animal just steps through.

STRONG - DURABLE — New, all-steel construction withstands even rough Brahma treatment!

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For Illustrated Bulletin Write:

ARROW W RANCH

Box 163 ← Mer Rouge, La.

the occasional help of the foreman, could haze 2,500 to 3,000 head northward for three months or so. Except, of course, in times of emergency such as a river crossing or a stampede, when all hands and the cook rode like mad.

Contrary to the ballad "Git Along Little Dogie", there were generally few dogies along to git. A dogie, commonly defined as a calf that had lost its mother and whose father had run off with another cow, was a nuisance on the trail. When by accident or by necessity cows with calves were included in trail herds, the latter were abandoned to any homesteader that would accept them, or were shot and left for the coyotes. It was heartless but not wasteful—calves were always a hazard in herds since their mothers were generally right touchy. Moreover, calves lagged and cows stayed with calves so that the drag might become separated from the herd. Nine men could not handle two separate herds.

Although trailing was a relatively economical method of moving livestock, it did involve expense. Foremen drew around \$150 a month; cowboys from \$35 to \$50, depending on their experience, and cooks \$5 to \$10 more. Every rider furnished his own saddle but grub was provided by the drover and total expenses ran as high as \$800 a month. Although they might look over the rumps of 2,500 steers for months, the hands on some herds never tasted their employers' beef. There were always a few strays from earlier trail herds and these not only tasted as good but were cheaper.

Horses belonged not to their riders but to the drover who supplied three or four for each man. Horses then, as now, had character and as a consequence usually bore a name as well as a brand. Even though they were roughly used, sometimes ridden past their limit of endurance, they invariably earned a high place in a cowboy's regard. Fifty years after they had left the trail cowmen had forgotten most of the incidents of the long drives beyond the horizon but generally they could recall the names of some of the horses that had served them faithfully and without demands. If recalled names are an index, most of the horses were as rough as their riders. Whiskey Pete, Boot Jack, Churn Head, Stinging Lizard, Gotch Ear—horses that one cowboy rode north on one drive or another—do not suggest placid characters. Peanuts, Gentle Annie and Gussie Webb were probably wilder horses than their names indicate. If Seventy-five Mile, Colorado Red and Spotted Sorrel were as strong as their one-time riders' recollections of them they were super-animals.

In later years, after railroads came to Texas, cattle drives were generally for the exclusive purpose of stocking northern ranges. A few of the larger Texas outfits maintained a northern range for fattening Texas beef. While not the last drive, that one by Ealy Moore in 1892, over the 800 miles from the Texas Panhandle to Miles City, Montana, took place in the latter days of trailing. Moore's line-a-day diary marks him as a prodigious writer among men who scarcely wrote a line a year and some of whom could not write their own names. It begins:

Channing (Texas), April 19, 1892. Left C (hanning) at 10 o'clock A. M. and nooned at tank 3 miles from C on Rita Blanco road and stayed at North E. Mill and layed over there on 21st; got kicked that morning by a horse.

May 1st: received my first cattle.

The XIT ranch was sending six herds, around 15,000 cattle, to Montana pastures that summer and Moore was foreman of one of the drives. It took time to cut out and trim down that many cattle but around 60 cowboys and four times as many horses hard at work the herds were soon under way.

May 4th: Left for Montana.

Moore was under way but not for far nor for long. Daily entries from May 5th through May 8th cryptically state: "Stayed on Cold Springs; rained".

The Oklahoma Panhandle athwart the Montana Trail was literally a "No-Man's Land" in name and substance. Nominally a part of Oklahoma Territory, the Panhandle was unorganized and hence a safe haven for fugitives from hangings, robberies, murders, shooting scrapes and similar cultures of the frontier. An outlaw gang, posing as United States marshals, demanded a tax of five cents on every animal entering and three cents on all that left No Man's Land. The XIT was reluctant to pay. Although XIT cowboys probably outnumbered the outlaws, they had the heavy responsibility of around 15,000 cattle on their hands. These could be easily stampeded more than once on dark nights in No Man's Land and the resulting loss would run higher than the tax. The tax on three of the herds, including Moore's, was paid but the other three were sent westward into New Mexico and then north around No Man's Land.

Slowly—twelve to fifteen miles each day—the herd was pushed north. From Cold Springs to the Cimarron, from there to Springfield and past Lamar ("left two horses, one black, one grey, both loosed") to cross the Arkansas River ("bogged two head").

River crossings were always a trail hazard and no matter how careful a cowman might be some of the weaklings that hung back on the drag failed to make the other side of a deep or boggy river.

The drive continued north beyond Chivington, Kit Carson and Wild Horse Creek in central eastern Colorado and there Moore, in complete honesty, made the only false entry in the diary:

May 26th: Went 10 miles north to Wild Horse Creek. Had good gray horse to fall and break his neck.

This is what the rider told his foreman. Later Moore learned that the cowboy had been fooling with his gun and had accidentally shot his horse. The brief daily entries told little or nothing about difficulties since these were simply part of the calculated risk of cattle driving. Even a major hazard received scant notice.

May 30: Got to Bovina, big snow storm that night and lasted until 10 o'clock next day. 4 XIT herds and 2 X herds got together. Had three head horses to freeze and one to come so near that I had to leave him. Froze 23 head (of cattle).

May 31: Took my wagon and outfit and pulled south to catch my herd. Got about 800 and located the rest.

June 1st: Began to drift cattle north.

June 2nd: Got my cattle and camped at Bovina once more.

June 3rd: Trimmed up and got ready to hit the trail.

As spring blizzards do, this one struck viciously, but Moore held his herd against the bitter wind until 2 a. m. There is a

TWENTY-FIRST ANNUAL SALE OF SOUTHEASTERN NEW MEXICO HEREFORD BREEDERS ASSOCIATION

January 24 - 25 ★ Roswell, N. M.

Sales Pavilion

Eastern New Mexico State Fair Grounds

SHOW: 10:00 A. M. January 24, with judging at 1:00
P. M., Mr. Jim Sanders as judge.

SALE: 1:00 P.M., January 25, with auctioneers, Walter
Britten and Jewett Fulkerson.

Selling

100 BULLS and 25 FEMALES

from these consignors:

| | |
|-------------------------------------|-----------|
| Crockett Brothers | Roswell |
| Melvin Glenn | Roswell |
| Lowrey Ranch and Livestock Co. | Roswell |
| Joe James | Tatum |
| L. M. Pitt | Rogers |
| Bert Roy | Rogers |
| A. L. French | Elida |
| W. Alpheus Rush | Elida |
| Curtis Hill | Roswell |
| Bonnell Ranch | Glencoe |
| Fred Pfingsten | Capitan |
| Woodburn Brothers | Portales |
| Austin Reeves | Roswell |
| R. U. Boyd and Son | Carlsbad |
| J. R. Stanley and Son | Dexter |
| W. A. Anderson | Lovington |
| Fred E. Graves | Elida |
| Myrick Brothers | Ricardo |
| Dick Sterling | Acme |
| Albert Tillinghast | Elida |
| Sam Hughes and Sons | Carlsbad |

Sales Managers for 1952 sale: Mr. Austin Reeves, Roswell, N. M., and Mr. Frank Crockett, Roswell, N. M.

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NOW you can CONTROL the CALVING TIME of your cows with COW-TONE, the successful RANGE TESTED HORMONE.

Every rancher realizes the great advantage in having all of the calves of any one calf crop near the same age. The "bunching" of ages also bunches the work, saving time, labor and money. All of the branding for one year . . . all of the vaccinating and all castrating can be done at one time, if all of your calves are near the same age. And uniformity of size at marketing time is an added profit feature. COW-TONE makes it possible for all of your calves to be near the same age. COW-TONE is a blended hormone, hypodermic injection formula designed to bring about a natural cycle of fertility in cows with only one dose. By using COW-TONE in your cow herd you can control the time of concep-

tion . . . thereby controlling the time the calves will be dropped. One simple intramuscular injection, which can be administered by any rancher, does the trick! It has been used successfully on more than 15,000 cows.

● **COW-TONE keeps at room temperatures and comes in 10-dose vials and 50-dose vials at \$2.00 per dose. Complete, simple instructions with every order.**

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limit to what a thinly clad cowboy can stand and Moore calculated that it was better to let cattle drift than freeze men. Left free the herd promptly turned its tail to the cold and plodded south through falling snow. There were four XIT herds in the vicinity and two X-branded herds belonging to the Reynolds Brothers of Albany, Texas. Next morning 15,000 cattle were jammed against the railroad. Eventually the XIT cattle were cut out, divided evenly into four herds and pushed northward through six inches of snow. The Reynolds outfit had lost 28 horses and a good many more steers. Total loss from both outfits probably ran more than 200 head of horses and cattle.

Without springs, creeks and rivers, cattle drives would have been impossible. A modern rancher with a dry pasture will haul eight gallons of water a day for each cow. At the same rate, the average trail herd would require 20,000 gallons. Doubtless they got along with less, for their rugged life held no luxury they did not rustle for themselves. Accustomed to a minimum of water, Texas cattle did not readily plunge in when a river barred their path.

June 20: Camped three miles (from) North Platte; helped N Bar N and Cris to cross that day.

June 21: Assisted Jim Vaughn to cross his herd in the forenoon and tried to cross mine in the afternoon but failed.

June 22: Assisted Jack Horn to cross.

June 23: Helped to cross Mil's, my own and Dan's herds. Camped one mile from river.

"One mile from the river" plus a few more and they were on a downhill road. Thereafter all streams flowed north to the Yellowstone. Beyond the season of blizzards, they were into the time of thunderstorms which left them dripping wet and numb with chill, or moderately comfortable beneath a yellow slicker if they were lucky. No trail herd escaped at least one stampede and Moore's was no exception.

July 14: Passed over the divide and camped on Big Powder River. Cattle stampeded and milled around until about 11 o'clock.

Every drover had his own theory, born of personal experience, of the cause of stampedes. In the dead calm preceding a summer storm a sudden deafening crash of thunder would put a herd in a frenzy of running nowhere. And again, when bedded peacefully for the night an entire herd would make two jumps—one to their feet and the second straight to hell. If they were lucky, three or four boys riding like madmen might swing the leaders to one side. These in turn pressed against others and soon the herd would be racing in a circle that grew tighter until those in the center were climbing over each other. The clash of hooves and horns was like thunder and any man or animal not on four feet would be converted to hamburger. A man might ride into a gully or a prairie dog hole and when a horse went down the rider went too, with a death-grip on the reins. If he could, he remounted and went at the maelstrom again—it was rough work but all a part of the paycheck.

The diary of one of the last of the long drives contains no record of beautiful sunrises on the right and sunsets on the left as the herd pushed north. The men were too busy to note the first and too tired to appreciate the latter.

THANK YOU

BIDDERS and BUYERS OF

ANXIETY 4th HEREFORDS



The offering for our Seventh Annual Sale held at Amarillo, Texas, on December 10 was the best yet and we were more than pleased with the approval given our cattle by the bidders and buyers. The 65 head sold for an average of \$1,172, the highest average for any Anxiety breeders' consignment sales to date.

We sincerely appreciate the support of each and everyone present, and we will endeavor to offer an even better group to you next year.

| | | |
|------------|----------------|---------|
| 51 Bulls | \$62,950; avg. | \$1,234 |
| 14 Females | 13,205; avg. | 943 |
| 65 Head | 76,155; avg. | 1,172 |



List of Buyers:

| | | | |
|---------------------------|---------------------|---------------------|-----------------------|
| McCarty Bros. | Ellsworth, Nebraska | J. S. Criswell | Graham, Texas |
| F. C. Winfrey | De Witt, Missouri | Dale Foreman | Vigo Park, Texas |
| P. J. Pronger, Jr. | Stratford, Texas | Mrs. T. E. McArthur | Spur, Texas |
| Pearl Brim | Clovis, New Mexico | Elmer Sharp | Tyler, Texas |
| Lakeview Hereford Farms | Tyler, Texas | Arch Hunaley | Canadian, Texas |
| A. E. Pronger, Jr. | Stratford, Texas | Jack Frost Ranches | Dallas, Texas |
| G. P. Mitchell | Kermit, Texas | J. H. Simpson | Cuervo, New Mexico |
| W. T. Bonner | Gainesville, Texas | Dick Stuling | Roswell, New Mexico |
| George Edmonds | Happy, Texas | W. M. Gouldy | Amarillo, Texas |
| Lee Scribner | Plainview, Texas | Jack Mitchell | Lovington, New Mexico |
| Junior Simpson | Cuervo, New Mexico | Frank Chambers | Canadian, Texas |
| Big Bull Ranch | Amarillo, Texas | James T. Hunt | Sonora, Texas |
| Dr. M. C. Overton | Pampa, Texas | Jess De Weese | Clinton, Oklahoma |
| S. F. Buchanan | Big Spring, Texas | Thompson Brothers | McCook, Nebraska |
| Charles Creighton | Big Spring, Texas | W. W. Parker | Tulia, Texas |
| Ed Martio | Big Spring, Texas | L. P. Shelburne | Kellerville, Texas |
| Kuykendall Hereford Ranch | Roggen, Colorado | Mrs. Frances Hess | Umbarger, Texas |
| Hugh Doak | Claude, Texas | Leslie Stephens | Amarillo, Texas |

ANXIETY HEREFORD BREEDERS

W. A. ANDERSON
President

CHAS. W. LEWIS, Sec.
Sweetwater, Texas

J. N. DULANEY, Treas.
Sweetwater, Texas

They Call Me Madam Sam

(Continued from Page 22)

their eye. She likes these Arabs, all of them—sometimes I think the dirtier they are, the better she likes them. She even bestowed her first kiss upon an Arab's brown be-whiskered cheek.

As for my anticipations of colorful affairs—the banquets have never materialized. Even though we hear people tell of the flies on the food, the sickening odor and flavor of the sheep grease, and the general uncleanness that exists we still

like to be a part of these things. During the months I have been at Al Kharj, this desire of mine to go to an Arab banquet has greatly diminished. I have seen Sam moan and groan too many times the day following one of these banquets with an old fashioned "belly ache." Tainted camel roast will do it every time. These episodes haven't helped along my desires in the least. Too, no Arab wants to be the first to ask a woman to attend a banquet. Each fears ridicule from other Arabs in the vicinity. The fact remains that I am a woman and my place is at home.

In so many ways, I have found great satisfaction in my stay at Al Kharj. Life here has been one chain of fascinating experiences, some amusing, some sad, inspiring, disgusting, admirable and enlightening. All rolled together, they make a life that can't be matched anywhere else in the world.

It is interesting as well as inspiring to go with Sam to look at the three thousand acres of irrigated farm lands under American supervision. To see tractors plugging along turning over the soil, to see vegetables and feed growing

BROWN COUNTY POLLED HEREFORD SALE

Sale will be held at 1:00 P. M., Saturday, January 19th, at the Brownwood Show Grounds. The cattle will be placed for sale order at 9:00 A. M. This sale will offer top individuals from some of the best Polled Hereford herds in America.

WALTER BRITTEN, Auctioneer

GEORGE KLEIER, The Cattleman

There will be a banquet the night of January 18th at the Hotel Brownwood



This bull sells. He is typical of the offering.

Consignors

| | |
|---------------------------|------------------|
| N. M. Barnett | Malvin, Texas |
| Double Bar Ranch Co. | Senora, Texas |
| J. H. Fry and Son | Brownwood, Texas |
| M. E. Fry and Sons | Cisco, Texas |
| Jim and Faye Gill | Coleman, Texas |
| Gill Ranch | Whon, Texas |
| Halbert and Fawcett | Senora, Texas |
| Mans Hoggott | Mertzon, Texas |
| C. E. Kingsberry and Sons | Cisco, Texas |
| C. R. Martin | Llano, Texas |
| C. T. McClachy | Bangs, Texas |
| Claude McInnis | Byrds, Texas |

in abundance. The date groves hang heavy with the succulent dates; the grape vineyards are loaded with sweet, juicy grapes; and the vine crops produce melons of all varieties. The Al Kharj Farms are under the supervision of five American agricultural specialists but they belong to His Majesty King Ibn Saud and His Royal Highness the Crown Prince. All of the vegetables and livestock feed goes to Riyadh for the Royal Families or persons on their approved list. Several thousand Arabian people profit from this farm, some eight hundred

as workers on a riyal salary and others who consume the produce. It's a marvelous thing to know that the farms, since Sam took over in March, 1950 have broken all previous records for production. A million and a quarter dollars worth of foodstuffs from three thousand acres, in one year, is not to be sneezed at.

There, of course, are the embarrassing incidents, like the time I saw Ahmed Ohlige playing with Linda in the yard. I ran in the bedroom, grabbed a pair of little pink shoes Linda had outgrown and went bursting out the front door. I

told Ahmed that I knew he had a baby girl also and that perhaps he would like to have these shoes for her. He threw back his head and laughed loud and long. Then he said, in utmost seriousness.

"Thank you very much, Madam Sam, but my baby girl died yesterday."

Where else in the world could something like that happen to you? There I stood with those silly little shoes in my hand and my mouth hanging open in horror at what I had done. If I had pulled a boner like that in Texas I would never be able to face the person again.

JANUARY 19th

Brownwood, Texas

66 HEAD

The 53 bulls and 13 females that will be offered in this sale are by far the BEST YET in any Brownwood Polled Hereford Sale. There are some real herd sire prospects and replacement females offered. Top service age range bulls will sell. You are cordially invited to attend this top Polled Hereford event.

For catalogue write: Joe Dan Weedon, Sec'y, Grosvenor, Texas

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This bull sells and others of same quality.

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This little boarder is looking for a place to stay. She and her mate will occupy only a small space and be very little trouble. They make ideal tenants, are quiet, clean and odorless. Food for them will cost only about \$3.00 per year for each.

And, with proper care and management, they can become a source of financial security in the years ahead. Their furs are the most desired and the most luxurious in the world.

Come out to Imperial Chinchilla Sales' new modern showrooms at 950 West Rosedale, Fort Worth, and select one, two, or several pairs of these fabulous little animals. They will work for you, full time or part time, and help to make your future financially secure. A telephone call to FORTUNE-6450 or a card or letter to the above address will bring a descriptive booklet and full details.

All our animals are NCBA registered, pedigreed and graded.

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Seventy-Fifth Annual Convention

TEXAS AND SOUTHWESTERN CATTLE RAISERS ASSOCIATION

Fort Worth, March 17-19, 1952

Not so in Arabia, it's Allah's will that people die. To a newcomer it seems the Arab doesn't mind losing his loved ones to death. The Arab mourns inwardly but as a matter of pride he very skillfully conceals his grief from others.

My trip to Riyadh, the capital city, could perhaps be classified as educational and enlightening. Driving up over a sand dune and finding there below a city of mud is something of a shock in anybody's language. With a closer look, I found the city was loaded with palaces. Palaces for the King, palaces for the Crown Prince, palaces for all the King's other sons, brothers, uncles and cousins it seemed. So this was the place where all the produce from Al Kharij was distributed. All around Riyadh are signs of biblical times, camel's lumbering along in the distance, the screech and grind of the donkey wells. Not a blade of grass, not a tree, not a shrub for miles—just Arabia, hot and dry and dusty. Suddenly a car zooms by and you look up to see a Cadillac convertible or a station wagon with varnished wood gleam. Stately Arabs with their headrags aflap, floorboarding a perfectly gorgeous automobile over those rough, unpaved roads. One prince proudly confirms the fact that he owns twenty-one Cadillacs.

On this trip to Riyadh, I was taken to Nazariah, the summer palace and gardens of the Crown Prince. It was nothing short of stepping out of the biblical world through the portaled gates into the twentieth century. Every variety and color of flower was in full bloom, neatly trimmed patches of grass and carefully graveled walkways were laid out. Ahead was a beautifully colorful building which is the summer palace for His Royal Highness the Crown Prince. A large modern swimming pool was shimmering with fresh water in which the Crown Prince's umpteen dozen sons bathe. It all had a touching effect until you stopped and remembered all the ungodly demands made by the Royal Family in attempting to complete this building. Erect a building and then tear it half down putting in hundreds of modern bathrooms. Paint it throughout. Then find the Crown Prince was wearing his dark glasses when he picked the colors and without them finds the colors unsuitable. Repaint each room a half dozen times and maybe—just maybe he'll like it.

Each day at Al Kharij has its crisis, if only a minor one. Tragic, when the crisis is a matter of life and death. I remember the night the Englishman was killed in a jeep and his two companions seriously injured. The hours of waiting and listening for the Arameco plane to hurry, hurry before it was too late. The whole thing caused by the driver forgetting he was in Arabia—not England and attempting to pass on the left hand side instead of the right. Just another mixture of customs which cost a life.

There are days when everyone becomes exasperated beyond the limit at the government officials who come down and park themselves on our front step. There is nothing an Arab won't ask for, no matter what his title or rank may be. The Americans don't mind the asking, but it is disgusting when an Arab can't take "no" for an answer. After all, though, the Americans are magicians: they can make engines, pumps, cars, tractors, trains, and air conditioning. Why can't they wave the magic wand and produce everything that could be desired!



KANSAS RANGE BULL SALE

Dodge City, Kansas

Held at the McKinley-Winter Livestock Com. Co.

Monday, February 4th

Sale Starts 10:00 A. M.

SELLING 375 HEAD

All Serviceable Age

The bulls will be shown and graded for sale order

Sunday, February 3rd.

250 will be 2 years old in Spring

Most of them will be sold in Pens of 3 and 5

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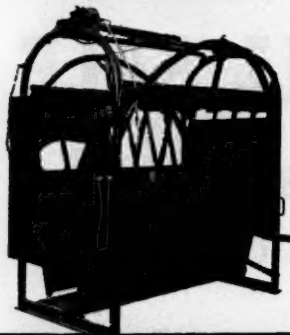
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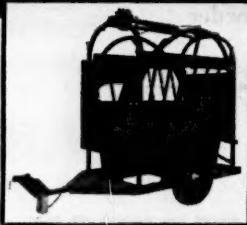


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Once an American, watching a plane take off, said to an Arab nearby:

"Isn't that wonderful?"

The Arab looked up surprised and said, "Why, isn't it supposed to?"

I feel compassion when I see the dirt, filth, and ignorance that exists among the bedouin people. The children wear gowns that are in rags. Their hair is either so lousy it has to be shaved off, or it is so tangled it could never be combed. The women peer around the corners like Hallowe'en characters. Just two peepholes for their eyes in the stiff black masks—or veils, if you feel like being romantic.

The sun beats down on their black robes as the women go scurrying along with their heavy bundles on top of their heads. It must be suffocating in this heat. The water is hard and so little of it that no wonder their clothes look dingy and dirty all the time. These things worry me, but the Arabian women don't have the same conception of cleanliness that I have been taught. They seem not to have a care. Again it's Allah's will.

The Arab may not believe as I do, concerning religion, but he faithfully says his prayers several times each day. There is hardly a time during the day, from early morn until late in the evening when you can't find someone kneeling toward the West to say his daily prayers to Allah. This is especially true if there is a hard job to be done. Prayer time is often a real convenience to the Arab who isn't overly fond of work.

One of the most heart rending as well as gratifying experiences for me has been helping our head interpreter, Abdul Aziz, raise his twin sons. Allah does not often give twins in Arabia; when he offers twin boys to an Arab and his madam he has bestowed great blessing. Abdul Aziz came in breathless with the news of his twin boys and said:

"At first I was happy, then I was mad, and now I am worried."

It is hard to feed one baby in this arid country, and two is almost impossible. Sam says it's like the old ewe back of the ranch in Texas. If she doesn't have sufficient milk for two, she pushes one lamb off and takes the other to her udder. Abdul Aziz was almost pitiful in his plea for me to help him raise his sons so that they would be healthy like our Linda. I was more than happy with my assignment for I had been very eager for an opportunity to help some Arab raise a baby under modern conditions. Here I had two to work with instead of one. My first and only requirement was that he do the things I asked, otherwise I could not help. He eagerly consented. My first wish was that the babies not be tied like all Arab babies I had seen. Every Arab mother wraps her newborn baby in a black cloth and ties him securely with a piece of cord. The baby stays thus tied for at least two months, with only short periods to stretch and exercise. This makes a strong, healthy baby who will have great strength and excellent posture when grown—or so they say. I was able to get most of the things needed for raising an American baby with the help and advice of a woman doctor who works for Aramco in Dhahran, the generosity of my friends, and the availability of the company canteen.

The babies reached three months of age and I unconsciously began to relax a bit. They were fat and sassy in Linda's Philippine hand-made dresses and diapers. They took a supplementary bottle

of Carnation milk to make up for their scant breast feedings. They were as clean and sweet as any babies in the world. These two little boys had a real future. Their father speaks fluent English, makes a good salary, and is progressive and eager to better himself and his family. Even so, the challenge was too great for Abdul Aziz and his wife to raise their boys in a surrounding such as exists in Qasr. An unexplained malady befell one of the twins. We did all that we knew to do but there was no competent medical assistance within our immediate reach. Little Abdulla joined the other Arab babies who compile such a terrific infant mortality rate in Saudi Arabia. Shortly, the other twin passed away also. It's so disheartening to know how much money is pouring into the Arabian government through oil royalties. It pours back out again at the same rate of speed for mud palaces, expensive cars, and other non-essentials of life enjoyed by the Royal family. No thought is being given adequate medical facilities, decent schools or modern sanitation in the villages. Allah will take care of the future. It is really ironic when I think how hard Abdul Aziz has tried to get a refrigerator in comparison to the ease with which they are disposed of on "Give Away" programs at home.

In April of 1952, I'll cease to be Madam Sam. I will cease being the first American woman to live in the "heart" of sandy Arabia. I will no longer be the official pants patcher for the American boys working on this project. I won't be obliged to go along on tours around the farms and help tell visitors from all over the world about our farming operations. I won't have to make that dusty 550 miles round trip by car, over rough unpaved roads to Dhahran each month in weather that often reaches 125 degrees in the shade. I will no longer be looked upon as a novelty and a superior woman by the Arabs because of my nationality and education. I won't be called upon for advice in raising Arab babies. It won't be necessary to drink tea and coffee with the Arabs while flies nibble hungrily at my face and legs. It will be finished—for our contract will be completed. Endless chores await our return to the ranch at Sonora, Texas. Until that time I like doing all these things: I like being Madam Sam and all the duties, privileges, and headaches that go with it. I never cease to feel a surge of real pride when I think of the marvelous accomplishments attained here in Saudi Arabia in agriculture under the supervision of our American boys.

Bad For Cows

FARMERS are warned on the risk of using kerosene and turpentine as home treatments for digestive ailments in cattle. A veterinary medical bulletin advises that such products are capable of destroying helpful bacteria that assist digestion in the cow's rumen. Improper use of these products can lead to digestive disturbances that may prove worse than the condition they are intended to treat.

**75th Annual Convention
TEXAS AND SOUTHWESTERN
CATTLE RAISERS ASS'N
Fort Worth, Texas, March 17-19, 1952**



Feeding Research Proves Occo Paves the Way For Higher Cattle Profits

Latest Evidence Shows Right Combination of Minerals Vitaly Important to Rumen Animals

In the rumen (or first stomach) of cattle are found billions of tiny bacteria. Friendly little bacteria whose job it is to see that every blade of grass goes to work — not to waste.

The proper balance of minerals is needed to keep these "miracle makers" busy. Minerals help them break down the fibers of grass and prepare it for more complete assimilation and greater nutritional benefit as it passes through the rest of the digestive tract.

You can depend on Occo Mineral Compound and Occo-Lak to supply the balance of vital minerals which feed and stimulate these tiny "miracle makers" within the rumen. Occo helps keep them active and multiplying, to give your stock more nutritional good from the grass they eat.

Talk with the Occo Service Man who lives near you. He has the full story on the "miracle making" bacteria and Occo. Let him show you how feeding research and OCCO pave the way for higher cattle profit.



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range pasture fertilizer

produces more and better quality beef

Once-a-year application of up to 1,000 pounds per acre of *International Fertilizer* of high phosphate content can be made with excellent results on range pasture in areas of limited rainfall.

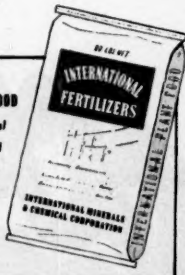
Experience demonstrates that an investment in plant foods can produce a profitable return by the increase in yield of well-balanced, nourishing pasture grasses. Well-fertilized range pasture is better able to withstand heat and shortage of moisture. It reduces the cost of stock feed and, by stimulating faster, healthier growth, often permits the rancher to get top market prices for his cattle without grain feeding.

There's an *International Fertilizer* dealer near you who is well qualified to discuss pasture fertilizer problems and help you select the grades best suited to your individual situation. When you order *International Fertilizer*, you can depend on fine quality and good performance.

**SEE YOUR INTERNATIONAL FERTILIZER DEALER
FOR SATISFACTION AT MARKET TIME**

GET THIS EXPERTLY-MIXED, PROPERLY-SEASONED, SMOOTH-FLOWING PLANT FOOD

You can buy with confidence when you see the familiar red *International Fertilizer* trade mark—the sign of satisfaction at market time. *International Fertilizers*, known for more than forty years for their quality, are produced by the most efficient processes in modern manufacturing plants to assure you fine quality for good results and excellent mechanical condition for easy, time-saving applications in the field.



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INTERNATIONAL MINERALS & CHEMICAL CORPORATION

General Offices: 20 North Wacker Drive, Chicago 6

Southwestern Exposition All Set for Show January 25-February 3

(Continued from Page 23)

amount to \$3,187. Of this, \$620 is offered by the American Hereford Association; \$141 by the American Shorthorn Breeders' Association; \$500 by the Texas Shorthorn Breeders' Association; \$500 by the American Aberdeen-Angus Breeders' Association; \$35 from Armour and Co.; \$35 from Swift and Co.; with the stock show putting up the remaining amount.

In order to compete in the boys' show, a boy must be 10 or older and under 21. He must be a member of a 4-H Club or the Future Farmers of America.

W. L. Stangel of Texas Technological College in Lubbock is superintendent of the boys' steer show (as well as the open steer show). Superintendent of the boys' lamb show (as well as the entire sheep department) is Johnnie Vestal, Armour and Company, Fort Worth. F. I. Dahlberg, Texas A. & M. College, as superintendent of the swine department, directs the boys' pig show. A. L. Darnell of A. & M. is superintendent of the boys' dairy show and of dairy cattle.

Premiums in the dairy cattle department total \$5,637 with Guernseys, Holstein-Friesian and Jerseys to be judged.

In the sheep and Angora goat department, premiums offered total \$5,355. Breeds of sheep to be exhibited will be Rambouillets, Delaine Merinos, Hampshires, Shropshires, Southdowns, Suffolks, Corriedales in the breeding classes and also, with the exception of Suffolks, in the fat wether lamb competition, plus crossbreds.

Assisting Superintendent Vestal in this department are Dr. W. G. Kammlade, Texas A. & M., and Charles Prindle of the John Clay and Company, Fort Worth.

Almost \$12,000 in premiums is offered in the swine department, a total which includes the \$2,040 for the boys' pig show.

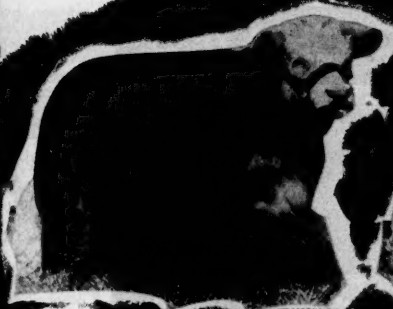
Of the \$9,845 for swine competition, the United Duroc Record Association and the Hampshire Swine Registry provide \$150 each; the Poland China Record Association \$100, and the Chester White Record Association \$45, with the Stock Show giving the remainder.

For the first time, Hereford hogs will be shown in competition at the Fort Worth show. Other breeds will be Berkshire, Chester White, Duroc, Hampshire, Poland China and Spotted Poland China in the breeding classes. In the fat barrow classes, O. I. C.'s will compete and Herefords will not. In the breeding



CK Crusty 46th, champion Hereford bull, International Livestock Exposition, owned by CK Ranch, Brookville, Kans.

OUR THANKS



23rd was
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1950.



Larry Cora 9th,
selection by
Archer and Herschede.
1950. \$3,500.



Domino
to Pat Berry,
New Mexico.
1951.

... to the buyers of this—our top
ing consignment to the

TOP SPOT SALE,

Texas-Oklahoma
Hereford Breeders Sale
at Wichita Falls



These five head averaged \$5,575



At The Ranch...

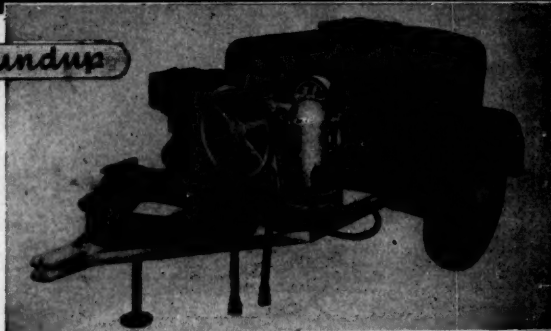
We sincerely thank all buyers of
1951 who made your purchases at
the ranch. Although space will
not permit listing all names here,
we nevertheless appreciate your
business. We invite you to come
by the ranch any time, visit with
us and look over our good Here-
fords.

Bridwell Hereford Ranch
B

Home of the Larry Domino
J. S. Bridwell, owner, Wichita Falls, Texas • W. R. (Bud) Thorpe, Mgr., Windthorst, Texas. Phone 243, Archer City
RANCH LOCATED ON U. S. HY. 281—

ROWLAND LIVESTOCK SPRAYERS

Roundup



Ready action in the Rowland Roundup. Powerful, sturdy and efficient. 6-HP motor handles 7 gallon per minute Duplex pump at 400 to 500 pounds pressure without effort. 150 gallon treated tank, car width axle. Two 50 Ft. high pressure hose and two Deluxe Trigger nozzles. Complete and ready to go on any size herd. A popular firefighter in the ranching field. Available in trailer or skid.

Spraymaster



The Rowland Spraymaster is a work-horse twin of the Roundup model, differing only in that it is powered and equipped for single hose spraying. 4-HP motor and 4 gallon per minute Duplex pump at 400 to 500 pounds pressure. Neat, durable and goes anywhere. Available in trailer or skid.



UTILITY

Our Utility model is an all purpose economy Sprayer. 75 gal. tank, 3 gallons per minute Duplex Plunger pump, 1½-HP Engine, 50 Ft. high pressure hose, adjustable nozzle for fog or stream. Available in trailer or skid.

Best Tractor Sprayer on the market. 400 lb. pressure, 5 minute hook-up. Livestock, trees, weeds or fires.



TRACTOR SPRAYER

Rowland Sprayers lead the field in direct sales.

1. National reputation for quality and price.
2. Cheaper because we sell direct.
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Write for descriptive literature.

ROWLAND & GORDON CO.

classes, besides the competition for individual animals (with champion boar and champion sow to be chosen) there will be classes for get of sire, produce of dam and breeder-feeder litter. Superintendent Dahlberg is assisted in this department by Roy Boswell, Texas Livestock Marketing Association, Fort Worth, and R. B. Thomas, Jr., vocational agricultural supervisor, Sulphur Springs.

Poultry, turkeys and rabbits will have their share of the exposition spotlight. Entries in this department will be exhibited in their own building, occupied for the first time last year.

One new feature of the 1952 exposition will be free entertainment from the stage of cattle building No. 2. Here audiences may hear band concerts, watch square dance teams stage exhibits, and other attractions.

The Midway will be filled with rides and shows, as usual. In addition, there will be many interesting and educational commercial exhibits.

The Future Farmers, Future Homemakers, and 4-H Club members will have as their special day the first Saturday

Jan. 26—and thousands of the boys and girls will throng the exposition grounds on their special day.

Livestock By-Products Important In War

THE critical importance of livestock by-products in time of war was emphasized by E. N. Wentworth, Armour & Co., Chicago, in an address at the recent meeting of the American Society of Animal Production in Chicago. Because of this fact he urged the necessity of developing contacts with defense officials to develop a sound workable policy to provide our defense forces and civilian workers with the high quality animal proteins and indispensable by-products which the industry has to offer.

In enumerating the by-products which play an important role in time of war, Mr. Wentworth called attention to cattle, hides, sheep pelts, calf and kip skins, fats and oils, glycerine, glue, and other pharmaceuticals.

The speaker stated that the use of hides for leather is greatly stimulated during war-time. For example, during the war years of 1941-45, an average of 410 million pairs of shoes was manufactured annually, or an annual increase of 69 million pairs over the five preceding years. The military service used 40 million pairs of shoes annually during the 1941-45 period.

Fatty acids were pointed out as important in rubber manufacture and significant in food. The hard butter furnished in cans for our troops in tropical climates during World War II was dependent upon specific fatty acids, he said. A glycerine product has proved valuable in airplane construction, being used in reinforcing the edges of the wings and fuselage and other parts subjected to great stress.

As to pharmaceutical products, Wentworth asserted that such products as insulin and ACTH can do much to retain the services of those in service because of their value in the control of diabetes and rheumatism.

The Cattleman — Subscription rates: One year, \$2; three years, \$5; five years, \$8; foreign, one year, \$4. 410 E. Weatherford, Fort Worth, Texas.

BRAND NEW

READY-MIXED READY-TO-USE

VIT-A-WAY

LIVESTOCK
FORTIFIER

YOUR LIVESTOCK CAN EAT IT
"RIGHT OUT OF THE BAG"



MORE
POUNDS



MORE
MILK



FASTER
GAINS



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STAMINA



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PROFIT

A COMPANION PRODUCT TO THE FAMOUS VIT-A-WAY LIVESTOCK FORTIFIER

... designed to meet the demands of today's critical shortage of competent farm labor ... BUILT TO HELP YOU GET MORE DOLLARS OF PROFIT FROM YOUR LIVESTOCK; extra pounds of beef, wool, lamb, pork — extra calf, lamb and hog crops — more milk — at lower costs! AMAZING? ... OF COURSE IT IS ... THIS NEW PRODUCT HAS UNDERGONE YEARS OF LABORATORY DEVELOPMENT AND EXTENSIVE RANGE AND FEED LOT TESTING ... NOW IT'S READY FOR YOU!

YOUR LIVESTOCK WILL DEMAND READY-MIXED VIT-A-WAY!

Keep in front of animals at all times—all year 'round.

VIT-A-WAY ELIMINATES THE NEED FOR MINERALS—BONE MEAL OR TRACE ELEMENTS.

This new product contains 25% salt. IT'S PALATABLE and APPETIZING ... Your livestock can literally "eat it right out of the bag." YOU'LL BE THE WINNER IN FEED COST SAVINGS BECAUSE YOUR ANIMALS WILL ASSIMILATE FEED BETTER — YOU'LL HAVE HEALTHIER, MORE PROFITABLE LIVESTOCK, TOO!



VIT-A-WAY, Inc., FORT WORTH, TEXAS

REMEMBER READY-MIXED VIT-A-WAY IS READY-TO-USE!

— SEE YOUR VIT-A-WAY DEALER TODAY —

SEE LEDDY and get READY

FOR THE
STOCK SHOW
Fort Worth — Jan. 25-Feb. 3



Be among the best dressed Westerners at the Stock Show—by shopping at Leddy's First, where you can find everything you need for yourself—and your horse.

**VISIT OUR BOOTH AND
DISPLAY—AT THE
STOCK SHOW**

**YOUR
ONE
STOP
WESTERN
SHOP**



**2455 N. MAIN at EXCHANGE
AT THE STOCKYARDS IN FORT WORTH, TEXAS**

What Are Vitamins?

(Continued from Page 24)

properly fortified with all vitamins. This means that the colostrum milk will be low in A, and consequently growth in the young is retarded. Pneumonia, scours, pink eye or night blindness may develop in the young.

Most herds are adequately supplied with Vitamin A for a period of a month or two in the spring before the green grass matures and dries up. There is another period in the fall when range conditions again are excellent if we have the rain. This, of course, varies some in the different parts of the country.

Animals suffering from Vitamin A deficiency usually are unable to see in dim light and start watering at the eyes. As the deficiency progresses the eyes may become cloudy, eye infection may set in and the animals may lose the sight of one or both eyes. Cows wintered on range feeds deficient in Vitamin A may produce calves that are partially blind at birth or that have fits or spasms when excited.

Vitamin A is the vitamin that is so important to the mucous membranes. Calves are born with a very low amount of it. If the cow has been properly fed, calves get an abundance of Vitamin A from the first colostrum milk, but if the cow isn't properly fed with Vitamin A she cannot take care of her calf and, consequently, colds, pneumonia, scours and a failure to grow frequently results. Swelling of the legs and forequarters is often found in cattle showing symptoms of Vitamin A deficiency. Cows and bulls may lose their reproductive ability in advanced Vitamin A deficiency, but the interruption of sexual activity or damage to the sexual organs is not always permanent. The usual course is for the cow to conceive and later to either abort or give birth to a weak or blind calf, which often fails to survive.

THIAMINE—Or Vitamin B1 is a moderately bitter, slightly salty-tasting, white crystalline substance. It is very stable in dry form but easily destroyed due to mold and bacterial action. The chemical formula for Vitamin B1 is 12 atoms carbon, 18 atoms hydrogen, 1 atom oxygen, 4 atoms nitrogen, 1 atom sulphur, and 2 atoms chlorine.

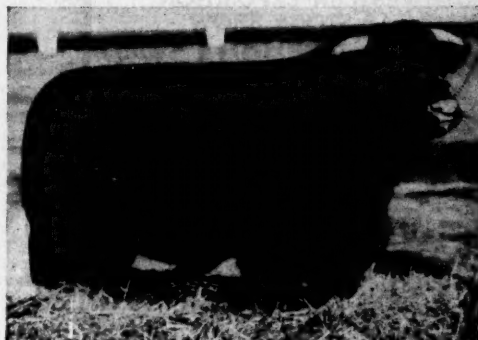
Thiamine, commonly called Vitamin B1, was one of the first vitamins to be isolated and identified. Before it was isolated it had been recognized as a cure for the deficiency disease beri-beri. Thiamine is essential for all livestock. Besides promoting growth in the calves, it is necessary for good nerve functioning in the cows and bulls. It maintains the appetite and normal intestinal functions. It is particularly essential for cows carrying or nursing calves.

Vitamin B1 is referred to as the "spark plug" vitamin, and is the one that is so necessary for the assimilation and conversion of carbohydrates. It is the vitamin that is so largely concerned in constipation. It promotes growth and builds up resistance to infections. It is required for normal reproduction and lactation. It is needed in greater quantity during pregnancy and lactation. It is the answer to many digestive disorders and gastro-intestinal disturbance, in calves. It also helps mother cows nurse their calves.

RIBOFLAVIN—Or Vitamin B2 is an orange-yellow substance with taste suggestive of dandelions. It is relatively resistant to heat, but deteriorates on exposure to light. That is why all feeds containing vitamins keep better in paper

Looking for TOP SHORTHORNS

?
SEE THESE!



Uppermill Comrade (Imp.). The bull we purchased at the Sni-A-Bar Dispersion. He will rank high among the "Better Sires" of all time. On our ranches we can show you calves that prove his ability as a sire.



Uppermill Conqueror (Imp.). The bull we have selected to fix further the improving influence of the great cow, Crocus Celia Uppermill Conqueror, is by Bapton Upright.

Write us
your needs

SCOFIELD RANCH

Austin, Texas



J. DOSS MILLER

De Leon, Texas

Visitors and
Inquiries
Welcome

LOTS of BULLS

HERD BULLS
RANGE BULLS



AND TOP
FEMALES, TOO!

AMERICA'S FASTEST GROWING
BULL MARKET

SOUTHWESTERN FAT STOCK SHOW
JAN. 25-FEB. 3

Better Bulls . . . in Greater Numbers

We are showing at Fort Worth
14 SHORTHORN BULLS

in groups of 3 and 5
and you are cordially invited to inspect them

We are now offering for sale at the ranch 60 good service age dark colored Shorthorn bulls for the commercial cattleman. They have been bred for ruggedness, thickness, depth, bone, and scale without sacrificing smoothness and fleshing quality. We believe that a bull for a commercial herd should be good enough to be used in a registered herd.

Shorthorn bulls in a crossbreeding program will add milking qualities and size to your herd.

We also have top quality bred and open heifers for sale. There are 300 head in our two herds from which you may make your selections and all are descendants of outstanding mother cows.

**FORT WORTH
STOCK SHOW
AND
RODEO
JAN. 25
THROUGH
FEB. 3**



Rodeo At Its Best!

Opens Friday Night, January 25

Twice Daily (2 and 8 P. M.)

thru February 3

The great Fort Worth Rodeo stands out as the premier event of its kind. It's the World's Original Indoor Rodeo . . . fast-moving, packed with entertainment and excitement. Never a dull moment . . . Bronc riding, steer wrestling, calf roping, bull riding . . . Verne Elliott rodeo livestock . . . top rodeo contestants . . . big prize money . . . cutting horse contest . . . beautiful horse show . . . specialty acts . . . clowns . . . in a professionally produced show you'll thoroughly enjoy. Every seat in palatial Will Rogers Memorial Coliseum is a comfortable chair. Rodeo tickets are \$3 each, including reserved seat, admission to Stock Show grounds and tax. Mail orders should be addressed to Stock Show, P. O. Box 150, Fort Worth 1, Texas. Enclose check or money order. Please specify exact performances desired.

LOTS of BULLS

HERD BULLS
RANGE BULLS



AND TOP
FEMALES, TOO!

FORT WORTH

AMERICA'S FASTEST GROWING
BULL MARKET

SOUTHWESTERN EXPOSITION
AND FAT STOCK SHOW

JANUARY 25-FEBRUARY 3

Better Bulls . . . in Greater Numbers

SEE THE SOUTHWEST'S GREATEST LIVESTOCK EXPOSITION IN WORLD'S BEST EXHIBITING PLANT

NEW ATTRACTION THIS YEAR AT FORT WORTH'S FAT STOCK SHOW

"The MERRY WIDOW"



World's Most Popular Musicomedy with

EDWARD EVERETT HORTON

of MOVIE and RADIO FAME

As COMEDY LEAD

*Presented by Fort Worth Civic Opera
Association - KARL KRITZ, Director*

ORDER TICKETS NOW

Performances in Will Rogers Memorial Auditorium: nights, January 30 through February 2; matinee, Sunday, February 3. Reserved seats: \$4.40; \$3.60; \$3; \$2.40; \$1.80; \$1.20. Mail orders, address Southwestern Exposition and Fat Stock Show, P. O. Box 150, Fort Worth 1, Texas.

bags, than in jute or cloth bags. The chemical formula of Riboflavin is 17 atoms carbon, 20 atoms hydrogen, 4 atoms nitrogen and 6 atoms oxygen.

The lack of Riboflavin results in a number of skin conditions that are unsightly, causes hair to fall out in patches, and also markedly affects the growth and the development of the young. It helps protect against certain eye disorders, such as keratitis, commonly known as "pink eye". It preserves the health of nerve tissues. It helps prevent certain kinds of sores and cracks in the skin or hide.

NICOTINIC ACID—Niacin or nicotinic acid is a moderately sour, white crystalline substance quite resistant to heat and oxidation. Its chemical formula is 6 atoms carbon, 5 atoms hydrogen, 2 atoms oxygen and 1 atom nitrogen.

Nicotinic acid has been found to be intimately tied up with the development of necrotic enteritis, which affects the skin, alimentary tract and nervous system. If its deficiency is long continued it may cause insanity, which makes cattle wild and dangerous. It is used as both a cure and a preventative for pellagra in people, cattle, hogs and dogs.

PANTOTHENIC ACID—Pantothenic acid is a calcium salt, a white powder, relatively insoluble. The chemical formula for it is 9 atoms carbon, 17 atoms hydrogen, 5 atoms oxygen and 1 atom nitrogen. Without pantothenic acid, animals develop skin lesions. They also fail to grow properly. The lack of pantothenic acid produces rough coarse dry hair and hide, this affecting the digestive tract, which means poor digestion. That is why so many animals fail to win at the shows.

PYRIDOXINE—Pyridoxine, or Vitamin B₆, is a white crystalline solid with salty taste, and is relatively stable in heat. Its chemical formula is 8 atoms carbon, 11 atoms hydrogen, 3 atoms oxygen and 1 atom nitrogen. Pyridoxine is another member of the B complex in whose absence animals are apt to have fits, very much like epileptic fits. It aids in the liver metabolism and hemoglobin formation. It is of value in certain cases of paralysis and also in some types of anemia. It is particularly valuable for the highstrung nervous type animals in helping to make their nervous reactions quieter and more normal.

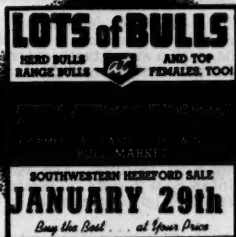
ASCORBIC ACID or VITAMIN C—Ascorbic acid is a sour, white crystalline, destructible by exposure to air, light and certain inorganic minerals, such as calcium carbonate limestone, oxide of iron and other heavy metals, especially copper and iodine.

The chemical formula for ascorbic acid is 6 atoms carbon, 8 atoms hydrogen and 6 atoms oxygen.

This vitamin is essential to formation and maintenance of intercellular substances of teeth and bones. It prevents and cures scurvy, increases resistance to infection, and it has been shown that ascorbic acid is closely related to successful reproduction. It is helpful in maintaining fertility in the bull as well as in the shy breeding cow. It appears to stimulate the production of high quality semen with actively motile sperm, and to be necessary in ample amounts for certain early phases of pregnancy.

VITAMIN E—Vitamin E is a thick, viscous oil with flat taste, and quite resistant to heat. It is impaired by association with rancid fats. Its chemical formula is 29 atoms carbon, 50 atoms hydrogen and 2 atoms oxygen.

Vitamin E aids in the prevention of



BUY THESE

Bilt-Rite
Herefords

AT FORT WORTH



★ **BR PROUD MIXER 7th**
(Pictured upper)

by BR Proud Mixer. A top Junior Yearling prospect out of dam by Arledge Tone.

Bilt-Rite

★ **BR PROUD MIXER 28th**

by BR Proud Mixer. He is a junior bull calf and a full brother to the Junior Yearling heifer in our show string. He is an outstanding prospect.

Bilt-Rite

★ **BR PROUD MIXER 13th**
(Pictured lower)

by BR Proud Mixer. Another top Summer Yearling prospect out of dam by Bocaldo Tone A, the top of our sale in 1939.

Bilt-Rite

★ **IN THE PENS SHOW**

One pen of junior bull calves by BR Proud Mixer. Be sure to look them over.

Bilt-Rite

See our show herd at Phoenix, Denver, Fort Worth and San Antonio—all are sired by BR Proud Mixer.



THANKS

We thank B. F. Marshall & Sons, Crawford, Nebraska, for their purchase of BR Proud Mixer 12th, champion sale bull, at the West Texas Sale for \$8,000. He will be delivered at the Denver Show. Thanks to the other buyers of our cattle at this sale and also the Texas-Oklahoma Sale. Thanks to: Glenn Allen, Monahans, Texas, for the purchase of our champion pen of bulls at the West Texas Sale. R. A. Brown, Throckmorton, Texas, Lester Foster, Sterling City, Texas, R. L. Campbell, Hearne, Texas, and Swenson Land & Cattle Co., Stamford, Texas.

ARLEDGE RANCH

★ *Bilt-Rite* ★ *Herefords* ★ **SEYMOUR, TEXAS**

nutritional sterility. It is apparently effective in circumventing habitual abortion in some female animals. In the depleted female animal, conception ensues but death and resorption of the partially developed fetus may take place. In the depleted male animal, degeneration occurs in the testes.

In the past it has been claimed that Vitamin E was the only anti-sterility factor but this theory has been fairly well discredited. It is also Vitamin A deficiency as well as Vitamin C deficiency. Vitamin A deficiency starves the mucous and epithelial tissues, which are responsible for much breeding trouble in cattle kept in too close confinement or run on dry ranges for a long time without Vitamin A, Vitamin C and Vitamin E. Sterility in bulls can eventually become permanent if these deficiencies are allowed to exist for too long a time.

Good green grass grown on fertile soil is especially valuable for reproduction in cattle, and bulls and cows should be fed fresh green grass or its equivalent every day to maintain health, growth and reproduction.

VITAMIN D—Vitamin D is a relatively tasteless, white crystalline substance, very stable to heat and aeration. The chemical formula for Vitamin D is 28 atoms carbon, 44 atoms hydrogen, and 1 atom oxygen.

Vitamin D aids in utilization of calcium and phosphorus. It is essential to building and maintenance of strong bone and teeth. It is essential in the prevention of rickets and crooked bones in calves and osteomalacia in cattle (a morbid softening of the bone). It aids in preventing or curing low calcium tetanic convulsions in calves (a disease with

spasmodic and continuous contractions of the muscles).

INOSITOL—Inositol is one of the members of the B complex. It is a clear crystalline, with a sweet taste, extremely stable. The chemical formula for inositol is 6 atoms carbon, 12 atoms hydrogen, and 6 atoms oxygen.

Inositol increases the peristalsis of the stomach and small intestines and is the nutritional factor which determines gastro-intestinal motility. The lack of inositol in animals results in severe loss of hair followed by inflammation of the skin.

CHOLINE—This is a member of the B complex. It is a colorless viscid fluid strongly alkaline. It is very stable to high temperature. The chemical formula is 5 atoms carbon, 15 atoms hydrogen, 2 atoms oxygen, 1 atom nitrogen.

Choline is necessary for proper bone development, particularly in the assimilation of manganese. Unless there is ample Vitamin D and Choline there isn't proper mineral assimilation, and such things as rickets or anemia are quite apt to develop.

OTHER FACTORS—There are certain vitamin or vitamin-like factors that have been postulated but have not been completely identified. Their nutritional significance has not been definitely established. These are only a few of the uses of vitamins. There are many other diseases and disorders in which they are of invaluable service. In every part of the country doctors and biochemists are making experiments. As soon as the research work has been completed on them we will offer more information about them through these pages.

Because some of the B vitamins are present in such infinitely small quantities in our common feedstuffs, there seems to be a deficiency of B1, B2, B6 and Niacin, as well as A, D, and E, in the range feeds of a large percentage of our breeding animals.

Therefore, a concentrate of these four B's and A, D and E vitamins added in sufficient amounts to the usual feedstuffs used in the range feeds are most likely to assure an adequate supply of essential vitamins and to assist in guarding animals against vitamin deficiencies.

It should be realized that when a long standing vitamin deficiency exists, the feeding of vitamins for a few days will not make any noticeable difference.

When a vitamin deficiency is made up, a change occurs gradually in the blood stream, because it can then assimilate better feed values from the digestive tract. The different muscles, organs and nerves then can begin to improve from the effect of the improved blood. After these parts are improved they will begin to function better, at which time real signs of improvement in their health should be noticed. It requires a few weeks for these gradual changes to become plainly noticeable. Remember, they are spread over the entire body and its many parts and organs must improve before their "workings" can improve.

World cattle numbers (806,000,000 head as of January 1, 1951) are at an all-time high. This number is eight per cent above prewar (1936-40) level. A further increase is forecast for January 1, 1952. The United States has approximately 10 per cent of the total cattle population of the world.

SELLING THREE of the best!

LOTS of BULLS

HEED BULLS AND TOP
RANGE BULLS FEMALES TOO

AMERICA'S FASTEST GROWING
BULL MARKET

SOUTHWESTERN HEREFORD SALE
JANUARY 29th

Buy the Best... at Your Price

NW PRINCEPS 2d ★ 6165699

Calved Feb. 11, 1950

RS Princeps 36th
4870835
DS Babe
3089921

WHR Double Princeps
3674547
RS Wyoma
3781089
Mischief D
2561001
Babe Domino 1st
2674351

WHR Princeps Mixer
3674547
WHR Cynthia 29th
WHR Constellation
WHR Wyoma 25th
Imperial M. 3d
Helene
Dr. Domino
Babe Domino

NW PRINCEPS 1st ★ 6165697

Calved Feb. 7, 1950

RS Princeps 36th
4870835
NW Daisy Advance 24th
3624924

WHR Double Princeps
3674547
RS Wyoma
3781089
Beau Advance 31st
3046634
Miss Domino 49th
2803736

WHR Princeps Mixer
3674547
WHR Cynthia 29th
WHR Constellation
WHR Wyoma 25th
Advance Domino 53d
Myaterious
Pioneer D. 32d
Gondoline

PRINCE HERITAGE ★ 6191515

Calved Feb. 3, 1949

WHR Heritage 43d
3677143
Neleta 5th
3519502

WHR Royal Domino
102d 2537439
WHR Stewardess 6th
2622348
O. Prince Domino 5th
2229988
Neleta
2255560

Prince Domino C.
WHR Belle Onward 39th
Beau Domino B.
WHR Lady Carlos 16th
O. Prince Domino
Lady Domino 11th
Sir Mischief 12th
Elsie Stanway

NORTH

J. M. NORTH
Star-Telegram Bldg.
Fort Worth, Texas

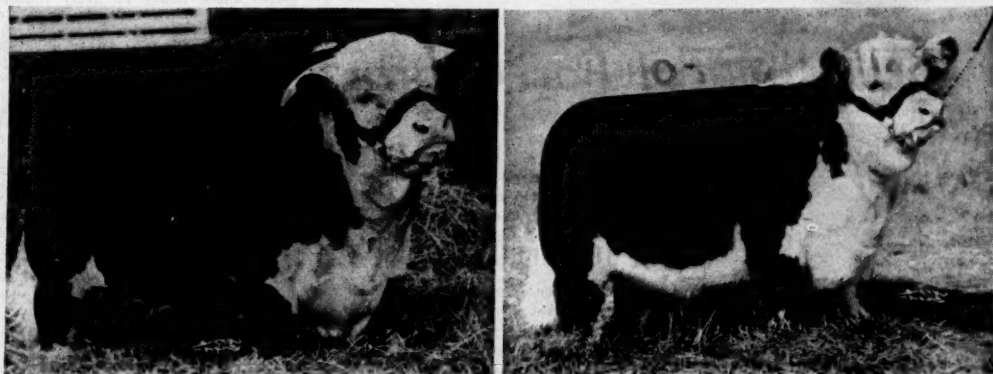


WOODS

WM. WATT, Manager
Box 9, Route 1
Saginaw, Texas

Mail address: Wm. Watt, RFD No. 1, Saginaw, Texas. Farm located ten miles northeast of Fort Worth on Haslet (Farm 156) Road

THE TOP OF THE CROP WILL BE IN FORT WORTH



THE SOUTHWESTERN HEREFORD SALE

In connection with the Southwestern Livestock Exposition and Fat Stock Show

HERD BULLS
RANGE BULLS

125 HEAD

BRED HEIFERS
OPEN HEIFERS

FORT WORTH — Tuesday, January 29

Southwestern Exposition Sale Pavilion

Write for Catalog

AMERICAN HEREFORD ASSOCIATION

300 West 11th Street

Kansas City 6, Missouri

LOTS of BULLS
 HERE BULLS AND FOR
 RANGE BULLS FEMALES, TOO!

AMERICA'S FASTEST-GROWING
 BULL MARKET

SOUTHWESTERN HEREFORD SALE

JANUARY 29th

Buy the Best... at Your Price

HERING'S HARDY HEREFORDS

Selling at Fort Worth



★ JH Larry Domino 10th

(pictured at top)

Summer yearling son of JH Larry Domino 44th. He is an outstanding prospect.

★ JH Publican 30th

Junior yearling, son of Publican Domino 11th, a top prospect from our show herd that sells.

★ Miss Larette 6th

(pictured center)

A top daughter of JH Domino 44th—from our show herd and sells bred to MW Larry Mixer 10th.



★ Miss Larette 15th

(pictured bottom)

Another daughter of the 44th—she sells open.

★ Miss Larette 7th

By the 44th, and sells bred to MW Larry Mixer 10th.



★ Lady Starlight 8th

Sells bred to JH Domino 44th.

★ Two Pens of 5 Bulls

Which are one pen of senior bull calves and one pen of junior bull calves and are sired by JH Larry Domino 44th and Publican Domino 11th.

Houston Farm-Ranch Club Auction Nets \$28,275

ONE of the most unusual auctions in Texas livestock history was held November 8 at Port City Stockyards in Houston, Texas.

Sponsored by the Houston Farm and Ranch Club, the auction was held to raise funds to apply to the club's pledge of \$200,000, to the Agriculture Department of the University of Houston. J. D. Sartwell, vice president and general manager of Port City Stockyards, was chairman of the day.

After three hours of lively bidding, some 85 or more animals from top ranches in the Houston area were sold for a total of \$28,275. Other donations and the sale of barbecue tickets brought the gross amount raised by the auction to exceed \$30,000.

About 200 more people than the auction tent could hold jammed under the canvas to bid and watch the bidding on everything from registered Ayrshire cows to weanling pigs and Spanish goats.

All livestock auctioned was donated by members of the club and their friends. There were registered Brahmans, Aberdeen-Angus, Herefords, Santa Gertrudis and Jerseys. There were Charbrays, Brangus, Guernseys, crossbreds, county fair fat beeves, and market calves. There were also Quarter Horses, barrows, sheep and goats.

Mr. and Mrs. E. J. Gracey were easily the topmost participants, both as buyers and donors, at the auction. They donated twenty-nine fine Ayrshire cattle, a Brahman bull, a Jersey bull, and two Ayrshire-Brahman crossbreds which brought \$11,635. They in turn purchased livestock to the tune of \$2,310.

Mr. and Mrs. Gracey requested that half of the \$11,635 be donated to Holly Hall Home for the Aged.

Other top buyers at the auction included R. I. Sample, who spent \$2,000; Andrew Askey, \$1,870; George Hinkle, \$1,696; and Howell B. Jones, \$1,415.

Two Santa Gertrudis bulls from the A. P. George Ranch of Richmond brought the highest prices at the auction. Mr. Sample paid \$1,550, and Claude Hamill paid \$1,500, for the other.

A silver mounted saddle which once belonged to the late Governor Beauford Jester was won as a door prize by W. W. (Bill) Moore. The saddle was bought by Mr. Gracey at a charity auction for \$6,800. He gave it to the Houston Farm and Ranch Club.

Gold wrist watches and diamond tie clasps, donated by Sam Becker, Jeweler, and even shotguns were given away before the auction began. One of the shotguns went to Major E. A. Craft, Southern Pacific Railroad executive, who donated the Spanish goats for the sale. Ralph Johnston, president of the Houston Fat Stock Show, whose Hereford steer won the grand champion award at the American Royal Livestock Show in Kansas City, got a tie clasp with a Brahman bull on it.

Despite chilly weather, approximately 1500 persons attended the auction and the barbecue which was served in advance of the sale.

Vernon W. Frost, president of the Houston Farm and Ranch Club, said that since their first auction had been so successful the club is considering making such a benefit sale an annual affair.

All progressive ranchers read
 The Cattleman.

Hering's Hardy Herefords

JIM HERING
McGREGOR, TEXAS

W. J. LARGENT & SON HEREFORDS

Greetings for 1952

Register of Merit

Quality

C W Prince Domino 21st

Weight for Age



Publican Domino 258th—Reserve Champion Senior Bull Calf, 1951 American Royal. Sold to J. F. Miller, Hayden, Colorado.

LOTS of BULLS
HERD BULLS AND TOP
RANGE BULLS FEMALES TOO!

SOUTHWESTERN HEREFORD SALE
JANUARY 29th
Buy the Good at Spring Drive

★ **FOR SALE AT
FORT WORTH STOCK SHOW**

- 2 pens of 5 bulls—senior calves
- 1 pen of 5 bulls—junior calves

**In the Denver Sale, January 14th and 15th
We Will Sell One Top Bull
and One Top Female**

★ **In the Fort Worth Sale, January 29th, we
will offer one top show heifer by Publican
Domino 173rd.**

Winnings at Three 1951 Major Stock Shows

AMERICAN ROYAL
Register of Merit Show



COW-PALACE
Register of Merit Show



OGDEN, UTAH
Competition Plenty Hot

EXHIBITED SIX HEAD • 2 Champions • 12 Firsts • 4 Seconds • 4 Thirds

For Sale at Merkel Ranch—40 choice open heifers

Fifty Years of Breed Improvement

“Not How Many But How Good”

W. J. LARGENT & SON Merkel, Texas, and Folsom, N. M.

BILL LARGENT

W. J. LARGENT

ROYCE EILAND

The New

EASYSTOP HACKAMORE

Skillfully Handmade of
Yellow Eagle Latigo Leather



**GUARANTEED RESULTS . . .
QUALITY & WORKMANSHIP**

ORDER BY MAIL

- ☐ COMPLETE HACKMORE, ea. **\$9.95**
☐ EASY STOP BIT, ea. **\$4.50**

(Includes adjustable cable noseband)

NAME
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 CITY, STATE
 CHECK ☐ MONEY ORDER ☐ C.O.D. ☐

Write for Catalogue or See Your Dealer

Dealer Inquiries Invited



SAN ANGELO, TEXAS

Grand champion carload of steers, International Livestock Exposition, fed by John F. Mommsen & Sons, Miles, Iowa.



Aberdeen-Angus Steer Grand Champion at the International

AN Aberdeen-Angus steer, shown by Iowa State College, Ames, Ia., was named grand champion of the 1951 International Livestock Exposition after a stiff battle in which nearly 400 animals representing the major beef breeds were entered. The steer, weighing 1,200 pounds, sold for \$6.75 per cwt. to the Triangle Packing Company of Chicago. It was the lowest price for a champion at Chicago since 1944 when the champion brought \$4.50 per cwt.

The reserve grand champion was a Shorthorn steer weighing 950 pounds entered by the University of Idaho. It sold for \$3.25 per cwt. to the Cosmopolitan Beef Company, New York City.

The grand champion steer of the junior show was a Texas bred steer fed by a 17-year-old FFA boy, Howard Brown of Chickasha, Okla. The steer, bred by Tommy Brook, Aberdeen-Angus breeder of Camp San Saba, Texas, sold for \$1.65 per pound to a Chicago chain store.

The reserve champion of the junior show was a Hereford fed by Richard Renk, 4-H Club boy of Sun Prairie, Wis. It sold for 70 cents per pound to the South Short Service League, a Chicago organization.

The grand champion carload of steers shown by John F. Mommsen & Sons, Miles, Iowa, sold for \$57.50 per cwt. to the Hi-Lo Foods, Chicago. They were Angus and averaged 1,122 pounds.

The champion carload of Hereford steers fed by Karl and Jack Hoffman, Ida Grove, Iowa, sold for \$55 per cwt. The Hoffmans won all three blue ribbons in the Hereford division on their TO bred steers.

The champion Shorthorn steers, shown by Hugh Morris, Ainsworth, Iowa, sold at \$47.50 per cwt.

Hillcrest Farms, Chester, West Virginia, won the lion's share of top awards in the purebred Hereford show, taking ten of the first places, including both champions. The champion bull was Hillcrest Larry 62nd, a son of HC Larry Domino 12th and first prize winner in the summer yearling class. HC Lady Larry 26th, a daughter of the 12th, topped the senior yearling heifers and was later made champion.

Lucky Hereford Ranch, Gilroy, Cal., showed the reserve champion bull, Lucky Aggressor 2nd, a junior calf, and Roy R. Largent & Son, Merkel, Texas, showed the reserve champion female, LS Blue Bonnet 285th, a junior calf.

The get of HC Larry Domino 12th won the senior get of sire class and Portage Farms, Woodville, Ohio, showed the jun-

ior get, the get of Portage Plus Mixer.

Twenty-eight exhibitors from 17 states were entered in the show which was judged by Al Darlow, Oklahoma A. & M. College, Stillwater, Okla.

Breeders from 19 states and Canada contributed to make the Aberdeen-Angus show one of the best ever presented at the International. The three-man judging system was again used this year with Wayland Hopley, Atlantic, Ia., Charles Yule, Calgary, Canada, and Raul Firpo, Buenos Aires, Argentina, making the placings.

El-Jon Farms, Rose Hill, Iowa, owned by John B. and Elliott Brown, showed the senior and grand champion bull, Elban Bardolier 3rd, last year's champion at the National Western and again champion this year at a number of major shows. The reserve championship went to Homeplace Eileenmere 999-35th, which stood second to the champion in class, owned by Ankony Farm, Rhinebeck, N. Y., Fuerst Stock Farm, Pine Plains, N. Y., and Mole's Hill Farm, Sharon, Conn.

Kinlockmere 23rd, owned by Kinloch Farm, Supply, Va., was the junior champion, and Black Bardolier of Del-Mor, owned by Del-Mor Farms, Wilmington, Ohio, was reserve junior champion.

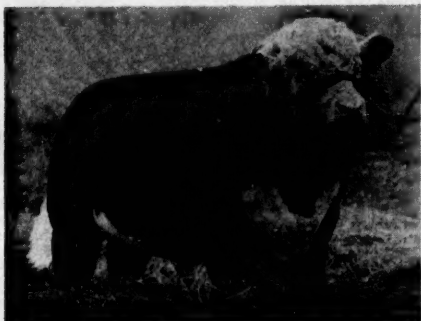
Shadow Isle Farm, Red Bank, N. J., showed the senior and grand champion female, Empress of Shadow Isle, and J. Garret Tolan, Pleasant Plains, Ill., showed the junior and reserve grand champion, Effie's Blackcap Bessie. Eileenmere's Erica WHF, shown by Penney & James, Hamilton, Mo., was reserve senior champion, and Blackcap Don Head, shown by Don Head Farms, Richmond Hill, Ontario, Canada, was reserve junior champion.



Grand champion steer, International Livestock Exposition, entered by Iowa State College, Ames, Iowa.



TR Zato Heir 111th



TR Zato Heir 113th



TR Zato Heir 139th

LOTS of BULLS

HERD BULLS
RANGE BULLS

at

AND TOP
FEMALES, TOO!AMERICA'S FASTEST GROWING
BULL MARKET

SOUTHWESTERN HEREFORD SALE

JANUARY 29th*Buy the Best . . . at Your Price**Selling Three Head of***R**

NATURAL

FLESHING QUALITY

HEREFORDS

ALL BY TR ZATO HEIR

Our consignment to Fort Worth is one we are proud to offer you. These three sons (pictured) of our great TR Zato Heir, and are TOP HERD BULL PROSPECTS—their half brothers in the pens of bulls, are the kind of Herefords that we feel we can stand behind.

in the Pens of Bulls

We will also show two pens of 5 bulls in the Pens division. Be sure to see these top groups. They are also by TR Zato Heir. Several good prospects in these groups.

NATURAL
Fleshing Quality
HEREFORDS

TURN TO
TURNERS



ENTRANCE TO RANCH - 7 MILES EAST AND 1 MILE NORTH OF SULPHUR - STATE HWYS 7 & 12

TURNER RANCH - SULPHUR, OKLAHOMA

Roy J. Turner • Jim McClelland • Roland Jack • John Blenkin • Tom Harris, Show Cattle

The Shorthorn show was judged by James Bigger, son of Walter Bigger, who had judged the International steer show for many years. Breeders from 14 states and Canada were entered.

McCone Bros., Defiance, Iowa, showed the champion bull, Edwin Leader, a son of Edwin Royal Leader, who had topped the class for senior bull calves. Reserve honors were accorded Leveledale Good News, who stood next to the champion in class, entered by Mathers Bros., Mason City, Ill.

William Bartholomay, Jr., Libertyville, Ill., showed the champion female, Marellbar Mary Anne 5th, a senior yearling heifer, and Mathers Bros. showed the reserve champion, Leveledale Rothes Queen, a summer yearling.

Beef Calves Make Rapid Gains After Scanty Rations

EXPERIMENTS in feeding twin calves carried on at the U. S. Department of Agriculture's Research Center, Beltsville, Md., show that young beef calves fed scanty rations but containing sufficient protein, minerals, and vitamins to maintain their health during the period of growth are able to pick up weight rapidly when placed on full feed—in fact, they made gains during the entire period of the experiment nearly equal to their identical twins which received full rations until the time they reached market weight.

This research finding was reported at the annual meeting of the American Society of Animal Production in Chicago. The work was conducted by scientists of the Bureau of Animal Industry. Purpose of the experiment was



HC Lady Larry 26th, champion Hereford female, International Livestock Exposition, owned by Hillcrest Farms, Chester, W. Va.

to determine what happens when calves are wintered on low rations, as well as how low such rations can be without causing loss to the owner.

The information revealed in the study is significant to the livestock grower, especially in range areas where cattle are grass-fed, in that it indicates young calves can be brought successfully through periods of short feed supply and then thrive when feed becomes available. However, the rations fed in the experiment differed from the low-energy rations on which many range calves are fed in that the Beltsville calves were well supplied with protein, minerals, and vitamin A as a means of maintaining maximum health.

Most of the calves in the first year's experiment reached slaughter weight (1000 pounds) within three months of the time they would have attained the

same weight if they had been fed full rations. Furthermore, the total feed was not materially increased as a result of the full feeding during the time they were making rapid gains.

Although only six pairs of twins were used in the experiment, the fact that they were identical twins produced results that could not have been obtained from feeding fewer than 240 unrelated calves. The comparison is based on the well-established theory that a pair of identical twins are equivalent to 40 similar but unrelated animals when one twin is fed an experimental ration and the other fed a normal ration.

The experiment will be continued next year with another group of identical beef calves in order to check the accuracy of this year's findings.

H. M. Briggs Heads American Society of Animal Production

D. R. H. M. BRIGGS, University of Wyoming, was elevated from the office of vice president of the American Society of Animal Production at the close of its annual meeting in Chicago, Nov. 24, to the office of president of the society for the coming year.

Prof. Marvel L. Baker, University of Nebraska, was elected vice president, and Dr. J. I. Miller, Cornell University, Ithaca, N. Y., continues as secretary and treasurer. Secretary Miller reported a membership registration this year of 735, setting a new record.

Write for information about the Texas and Southwestern Cattle Raisers Association, Henry Bell, Sec'y, Fort Worth.

CONSIGNING TO FORT WORTH

Two Bulls ★ One Heifer One Pen of 5 Bulls

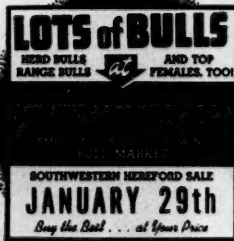
★ Senior bull calves—with plenty of bone, yellow and not too highly conditioned. 4 are by WHR Helmsman 8th and one by TT Royal Mission.



Kingford Mission 5th 5789280
Sold in the Texas-Oklahoma Sale at \$4,300

The individuals offered:

- ★ One junior yearling, son of TT Royal Mission and out of one of our outstanding cows by Bocaldo Tone 19th. This top prospect is a half brother to Kingford Mission 5th pictured.
- ★ One junior bull calf by MW Prince Larry 54th, he by the Register-of-Merit sire MW Larry Domino 37th. This top prospect is out of an own daughter of WHR Helmsman 8th.
- ★ One open heifer by MW Prince Larry 54th. This heifer is a top individual that will add quality to any good registered herd.
- ★ Thirty head of females for sale at the farm. Bred and open heifers and young cows with calves and bred back to MW Prince 54th and Noe's Baca Duke 108th.



KINGFORD FARM

Siloam Springs, Ark.

OLIVER TAYLOR
Cattle Supt.

CARL B. KING
Owner

HEREFORD BREEDERS!

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HERE'S WHY

The National Auction Company is an organization composed of the top livestock auctioneers in America. Because of many years experience in selling registered Herefords, these men know how to present your cattle to the best advantage and how to get the top dollar for every individual sold, whether in a large or small sale. The art of auctioneering in its highest form serves **your** best interests when National sells for you.

HERE'S THE PROOF!

Out of the top 16 Hereford Sales in 1951, eleven were sold by National. National sold 2,102 head that averaged \$2,234 while the other five sales offered only 663 head that averaged \$1,881. That's \$353 more per head for the owners of cattle sold by National! That's why it doesn't cost when National sells for you . . . it PAYS!

| | Head | Avg. | Total |
|---|----------------------|----------------|-------------|
| * Baca Grant Dispersion, Gunnison, Colo. | 263 | \$4,260 | \$1,120,300 |
| * Honey Creek Ranch Dispersion, Grove, Okla. | 391½ | 2,695 | 1,054,920 |
| * Nat'l Western Hereford Sale, Denver, Colo. | 176 | 2,790 | 491,025 |
| * Wyoming Hereford Ranch, Cheyenne, Wyo. | 76 | 5,306 | 403,325 |
| * Red Bluff Bull Sale, Red Bluff, Calif. | 295 | 1,317 | 388,550 |
| * Inter M'tain Hereford Bull Sale, Ogden, Ut. | 297 | 1,020 | 302,985 |
| * Wyoming Hereford Ass'n, Casper, Wyo. | 204 | 1,434 | 292,490 |
| * Golden Gate National Hereford Sale, San Francisco, Calif. | 198 | 1,307 | 258,000 |
| * Circle M Ranch, Senatobia, Miss. | 56 | 4,421 | 247,600 |
| * Nance Hereford Ranch, Canyon, Texas. | 215 | 1,122 | 240,935 |
| * Homer Sanborn Dispersion, Sacramento, Calif. | 163 | 1,317 | 214,675 |
| * Freeman Graves Sale, Pulaski, Tenn. | 74 | 2,732 | 202,210 |
| * Nat'l Polled Hereford Sale, Louisville, Ky. | 75 | 2,578 | 193,325 |
| * National Western Polled Hereford Sale, Denver, Colo. | 84 | 2,178 | 182,975 |
| * Thorpe Hereford Farms, Britton, S. D. | 91 | 1,953 | 177,705 |
| * Southwestern Hereford Sale, Fort Worth, Texas | 101 | 1,682 | 169,870 |
| National sold | 2,102 head; averaged | \$2,234; total | \$4,695,890 |
| Sold by others | 663 head; averaged | 1,881; total | 1,247,105 |

Those sold by National averaged \$353 per head more.

* Sold by National.

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Lincoln, Nebr.



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College Station, Texas

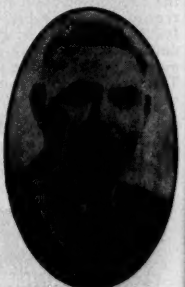


CHARLES CORKLE
Auctioneer
Norfolk, Nebr.

* If desired, we can provide you a COMPLETE sale service for any size Hereford sale.



GENE WATSON
Auctioneer
Hutchinson, Kansas



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Auctioneer
Menroe, Iowa



O. R. PETERSON
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Goals for Major Crops Aim at Record Production in 1952

ACTING Secretary of Agriculture Clarence J. McCormick recently announced the 1952 production goals for the major spring-planted crops. These goals, together with those already announced and the high level livestock output expected in 1952, are part of the Department's drive for a new high record in total agricultural production in 1952. If the goals are attained, total farm production in 1952 is expected to be 4 per cent greater than the record production indicated for the past year and nearly 50 per cent greater than the prewar average (1935-39).

At the same time the Department announced the levels at which the prices of corn, cotton, soybeans, rice, wool, mohair, milk, and butterfat produced in 1952 will be supported by the Commodity Credit Corporation. Both the goals and the support levels are being announced well in advance of planting season to permit farmers adequate time to plan for the needed volume of production.

"The need for agricultural production in 1952, especially feed grains, is the greatest we have ever faced," said Acting Secretary McCormick in announcing the 1952 production program. "For that reason we are asking farmers to push for higher yields in general and to produce food and fiber on about 3,000,000 more acres of crop land than ever before. The challenging level of the goals re-

flects the strong demands of military preparedness, our growing population, our rising standard of living, and our great efforts to share our production with those Nations which are joining us in the defense of freedom.

"Production at the goal level will require increased yields per acre in all major crops, and selective acreage expansion in those most needed to insure our eco-

nomie stability in these pressing times," continued the Acting Secretary. "The task for farmers is made more difficult because their need for fertilizers will be far greater than the supply. At the same time farm machinery production in 1952 will be considerably less than farmers desire because of diversion of critical materials to the military program. Regional labor shortages will occur because of the movement of rural workers to the armed forces and to industrial centers. While the Department will do all it can to offset these shortages, such scarcities are warning signals that we must bear down harder on all other possible ways of increasing production.

"The goals we have set will challenge

| Crop, Unit— | —Production— | | —Planted Acreage— | |
|---|-------------------------------|-------------------------|--------------------------------|-------------------------|
| | 1951 Indicated Millions | 1952 Goal Percent | 1951 Indicated Thousands | 1952 Goal Percent |
| Intertilled: | | | | |
| Corn, bushels | 3,088 | 3,375 109 | 86,221 | 89,000 103 |
| Sorghum-grain, bushels | 166 | 200 120 | 18,767 | 19,000 103 |
| Soybeans-beans, bushels | 278 | 276 99 | 13,102 | 13,000 99 |
| Cotton, running bales | 15.7 | 16.0 102 | 29,510 | 28,000 95 |
| Potatoes, bushels | 336 | 350 104 | 1,526 | 1,545 103 |
| Sweet potatoes, bushel | 35 | 54 154 | 405 | 550 136 |
| Dry edible beans, 100-lb. bags, cleaned | 216 | 16 107 | 1,540 | 1,638 106 |
| Close-Down: | | | | |
| Oats, bushel | 1,372 | 1,360 99 | 42,820 | 42,900 100 |
| Barley, bushel | 254 | 290 114 | 11,275 | 12,565 114 |
| Wheat, bushel | 994 | 1,165 117 | 75,507 | 78,550 100 |
| Rye, bushel | 25 | 22 88 | 1,828 | 1,828 100 |
| Flaxseed, bushel | 32 | 38 119 | 3,878 | 4,000 103 |
| Rice, 100-lb. bags, rough | 45 | 42 93 | 9,982 | 9,950 99 |
| Hay, tame, tons | 100 | 95 95 | 161,762 | 161,500 100 |

¹Harvested acreage.

²Assuming average loss in cleaning—official estimate available in December.

³Includes Missouri, South Carolina, Arizona and Florida, for which no official estimates are made.

⁴Estimated acreage in cultivation on July 1, 1951.

⁵The cotton production goal is based on the desired acreage in cultivation on July 1, 1952.

LOTS of BULLS
HERD BULLS AND TOP
RANGE BULLS FEMALES, TOO!

AMERICAN FASTEST GROWING
BULL MARKET

SOUTHWESTERN HEREFORD SALE
JANUARY 29th

Buy the Best... at Your Price

THIS TOP BULL SELLS at FORT WORTH

We are extremely proud to offer this top herd bull prospect. He is a double-bred WHR Royal Domino 51st—carries WHR breeding at its best. The character, type and quality of this outstanding breeding is clearly evident in this young bull. If you are looking for a really stylish prospect that has every promise of greatness, by all means see him.

★ OJR Royal Domino 131st 6105252

Calved February 3, 1950

OJR Royal Domino 62nd
3990008

WHR Royal Domino 51st
2123530

WHR Nymph Domino 45th
2801325

OJR Aquila Domino 3rd
3266417

WHR Royal Domino 51st
2123530

WHR Aquila Domino 4th
2591148

Prince Domino C
1565007
WHR Belle Domino 49th
1759017
Real Prince Domino 11th
1948828
WHR Worthy Maid 28th
2462717

Prince Domino C
1565007
WHR Belle Domino 49th
1759017
WHR Jupiter Domino
2221977
WHR Onward Girl
2275860

Prince Domino 4th
Lady Aster 41st
Prince Domino 141st
Miss Sturgess 22nd
Real Prince Domino
Belle Domino 113th
Super Superior 3rd
B Domineta 134th

Prince Domino 4th
Lady Aster 41st
Prince Domino 141st
Miss Sturgess 22nd
Star Domino 6th
WHR Sister Domino
Onward Domino 20th
Brands Lady B 10th

WINSTON BROS.

SNYDER, TEXAS

LOTS of BULLS

HERD BULLS
RANGE BULLS



AND TOP
FEMALES, TOO!

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BULL MARKET

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JAN. 25-FEB. 3

Better Bulls . . in Greater Numbers

We will show and sell

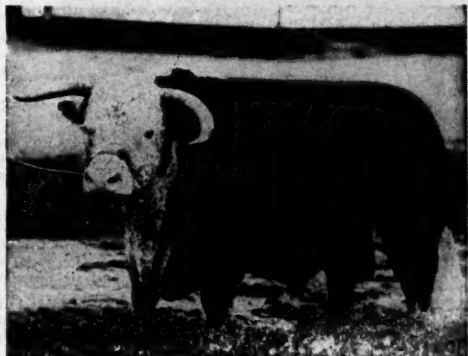
FIVE GRANDSONS OF DL DOMINO

...at FORT WORTH

DL DOMINO

(Deceased)

At Fort Worth we will present a group of five grandsons of DL Domino in the pens of bulls division. These descendants of great DL Domino are excellent individuals and we are proud to offer them to those of you who demand the best of breeding. We look forward to seeing many of our old friends, and new, at the Fort Worth show.



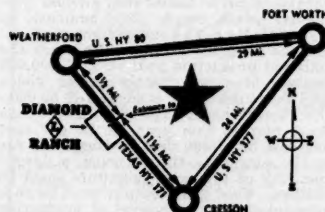
This Grandson Made History!

When this grandson of DL Domino, Boca Prince Domino 20th, sold in the Boca Grant Dispersion to A. H. Karpe of Bakersfield, California, for \$87,500, he set a new world record price at that time. In so doing, another name was added to the growing, glowing, list of Herefords "sired by son of DL Domino" that are making Hereford history.



At the ranch we have group of grandsons of DL Domino that are priced to sell!

VISITORS ALWAYS WELCOME HERE



Diamond

FRED M. LEGE III, Owner
Route 2, Weatherford, Texas
Phone: Weatherford 123



REGISTERED
HEREFORDS

Ranch

MIDWAY BETWEEN WEATHERFORD and CRESSON on TEXAS HY. 171

LOTS of BULLS
HERD BULLS AND TOP
RANGE BULLS FEMALE, TOO!

AMERICA'S FASTEST-GROWING
BULL MARKET

SOUTHWESTERN HEREFORD SALE

JANUARY 29th

Buy the Best at Your Price

Selling TWO BULLS

TWO FEMALES

at Fort Worth

MISS GWEN 5th

By our Register-of-Merit sire, Publican Domino 160th, and out of Miss Gwen, Register-of-Merit cow.

Grand Champion, Dallas, 1950 and 1951

Reserve Champion, American Royal, 1950

Reserve Champion, Fort Worth, 1951

Two of her brothers and two of her sisters sell at Fort Worth.



- AEF Publican Domino 30th—by our Register-of-Merit Sire, Publican Domino 160th, and out of a double granddaughter of the great Register-of-Merit cow, Miss Gwen. Miss Gwen is the dam of Miss Gwen 7th that sold for \$6,000 in the Honey Creek Dispersion, and her son sold for \$15,000 in the same sale. A truly top summer yearling herd bull prospect—we feel the best we have ever offered.
- Publican Princess 15th—a top junior heifer calf by Publican Domino 160th and out of a granddaughter of Miss Gwen. She stood second at Tulsa and third at Dallas this year. We consider her the best heifer we have ever sold at auction.
- CWF Publican Domino—junior bull calf by Publican Domino 160th. Never shown before, but is showing a lot of promise.
- Publican Princess 14th—senior heifer calf by Publican Domino 160th. Would make a good addition to a top breeding herd.

A. E. FOGLE & SON

TUSCOLA, TEXAS

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LET ME HANDLE YOUR LIVESTOCK INSURANCE WITH LLOYD'S
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Promoting Cattlemen's Interests

410 East Weatherford, Fort Worth

our productive capacity. While they will meet all our essential military and domestic requirements in 1952 and provide for exports at current levels, they will not build desirable reserves. Even with the crowded schedule of land-use we have outlined, and with average weather, we cannot expect any improvement in feed grain stocks or any material change in cotton.

"We must reverse the current downhill trend in feed grain stocks. The 3,000,000 more acres of crop land we are asking farmers to press into production this year will help reverse the trend, but sound land use practice is a limiting factor in further crop land expansion. Even greater production in 1952 would be necessary to build reserve stocks to desirable levels in addition to meeting current requirements.

"This situation emphasizes the need to see that every possible measure of efficiency is followed in the handling of the acres which are in use. With definite limits on available crop land, our farmers must depend primarily upon increased yields in turning out the production which will be needed. The goals program definitely recognizes this fact. It calls for selective acreage increases for more urgently needed crops, to the extent which is practicable, but it emphasizes the general necessity for increased yields.

"Under conditions of great demand and limited facilities for production, the goals program establishes a land-use pattern which will most nearly meet all needs. For 1952 the program must be more than a guide for acreages—it must be a concerted drive to match the desired acres with the production practices which will do most to increase yields. This will require extra effort by all those upon whom the farmer relies—the manufacturers and distributors of machinery, fertilizers and pesticides—the agencies which help the producer secure needed labor and credit—and those who furnish him information on proved practices and new techniques. Only through such a coordinated effort will our production fill the over-all need."

The 1952 production goals were determined in cooperation with State Agricultural Mobilization Committees, and they follow a close review of all needs for farm products in 1952. In shaping the goals, special attention was given to the appraisal of attainable production in 1952 made in cooperation with the Land-Grant Colleges.

The goals reflect the maximum practicable increases in the production of feed grains vital in meeting the increasing demand for livestock products. Cotton production is continued at a high level because of its great importance to the economic and military strength of the United States and the rest of the free world.

Under the greater emphasis on feed grain production, farmers are being asked in 1952 to give corn and grain sorghums prior claim over all less productive grain crops. This emphasis is essential to the maintenance of increased livestock numbers. To reach the national production goal of 3,375,000,000 bushels of corn, slightly higher yields will be required on a suggested 89,000,000 acres—about 3,000,000 more than were planted this year. A 20 per cent increase in production is suggested for grain sorghums though even a larger quantity of this corn substitute could be utilized. Feed grain output must be supplemented by a high level of production

This Champion Bull sells at Fort Worth



Above: DB LARRY DOMINO 35th

Below: DB ROYAL DUCHESS 36th



DB Royal Duke 33rd 6239922

Calved May 1, 1950

| | | |
|-----------------------------------|---------------------------------|--|
| WHR Royal Duke 107th 4795756 | WHR Royal Triumph 2876603 | WHR Triumph Domino 6th Lillian Domino |
| | WHR Crystal 43rd 3232210 | WHR Seth Domino 3rd WHR Dream Domino 36th |
| Miss Proud Mixer 552nd 4420986 | WHR Proud Mixer 21st 2781225 | WHR Princeps Mixer WHR Emily 3rd |
| | Miss Domino 980th 3100647 | Domino 15th Miss Domino C 558th |

HE SELLS AT
DENVER
NATIONAL WESTERN
Hereford Sale
JAN. 14, 15

● Here is a truly top herd bull prospect that we urge you to inspect carefully . . . he'll do!

LOTS of BULLS

HERD BULLS
RANGE BULLS



AND TOP
FEMALES, TOO!

AMERICA'S FASTEST GROWING
BULL MARKET

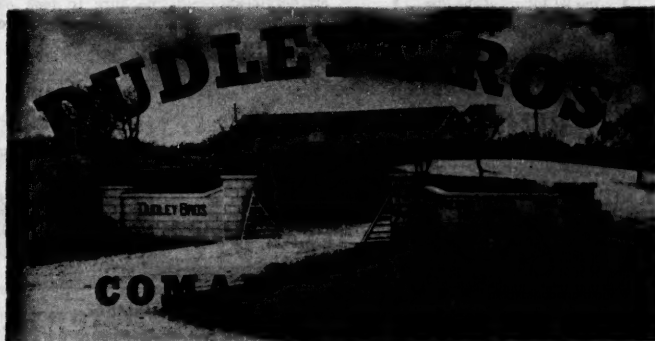
SOUTHWESTERN HEREFORD SALE

JANUARY 29th

Buy the Best . . . at Your Price

SELLING at FORT WORTH:

- ★ DB Larry Domino 35th (pictured) Champion Bull of the 1951 Tulsa Show. He is by JJ Larry Domino 7th that is an own son of MW Larry Domino 200th, the Jack Haley, Register-of-Merit sire. We feel that if you are looking for an outstanding herd bull prospect that you will be pleased with the individuality of this bull.
- ★ DB Royal Duchess 36th (pictured) our summer yearling show heifer by WHR Royal Duke 107th and out of an own daughter of WHR Proud Mixer 21st. She sells bred to DB Larry Domino 34th, our outstanding junior yearling Show Bull that stood second at the 1951 American Royal and first at the National Hereford show at Dallas.
- ★ ★ One son of WHR Symbol 21st., a junior bull calf that shows a lot of promise.
- ★ ★ One top open daughter by JJ Larry Domino 7th.
- ★ ★ One carload senior bull calves sired by our chief herd sires. You will find many top herd bull prospects included in this carload of bulls—they are not highly fitted.



GAIL

TOM

ELTOS

LOTS of BULLS

HERD BULLS AND TOP
RANGE BULLS FEMALES, TOO!

AMERICA'S FASTEST GROWING
BULL MARKET

SOUTHWESTERN HEREFORD SALE

JANUARY 29th

Buy the Best... at Your Price

SELLING ONE BULL and ONE HEIFER

● M Royal Prince 22nd (see his pedigree below). This summer yearling bull is really a wonderful herd bull prospect. You will note that his breeding is strong in WHR Royal Domino 51st and Real Domino 51st, both outstanding sires. His granddam, Miss CC 143rd, is a sister to Miss CC 142nd, the dam of CW Prince Domino 21st, highest living Register-of-Merit sire.

● One junior heifer calf by Plus Return 1st and out of a Beau Gwen cow. This is a top heifer calf and one that would add quality to a top herd.

M. ROYAL PRINCE 22d 6263056

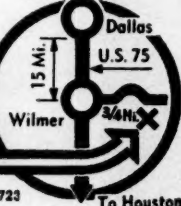
Calved June 6, 1959

| | | |
|----------------------------------|---------------------------------|--------------------------------------|
| OJR Royal Prince 4095453 | OJR Royal Dom. 56th 3420258 | OJR Royal D. 11th OJR Don's Stan. |
| OJR Royal Prince 11th 5107878 | OJR Vega Dom. 2d 3060257 | WHR R. Dom. 51st |
| Press. Dom. L. 9th 2723007 | Prince D. Paladin 2354974 | Prince Dom. Ret. |
| Real Dom. Return 3773534 | Vera Domino 1962642 | H. Lady Dom. 2d |
| Miss Real 61st 5089829 | Real Domino 51st 2437719 | Prince Dom. 76th |
| Miss C. C. 143d 2985168 | Miss B. Dom. H. 80th 2635403 | Vera |
| | D. 133d 2390009 | Real Pr. Dom. 24th |
| | Miss 2 C. 542d 2513751 | Daisy Domino 1st |
| | | B. Prince Dom. |
| | | The Press. D. 504th |
| | | Prince 6th |
| | | Apava |
| | | D. 71st |
| | | Miss C. 661st |

BE SURE TO LOOK OVER OUR
OFFERING AT FORT WORTH.

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Hereford Ranch



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Travis Fuller, Mgr. • Grady Payne, Herdsman • Ranch Phone Wilmer 2371

Our Fort Worth Offering:

Three top bulls—all are sired by Our Son of MW Larry Domino 38th, the \$30,000 son of the "50th" now owned by the Bianchi Hereford Ranch and EdgClif Farms. Two of the bulls are out of own daughters of MW Larry Domino 38th and the other out of a Colorado Domino bred cow. One is a junior yearling and the other two are summer yearlings—all serviceable age. Be sure to look over these top herd bull prospects. We believe they will suit you.

LOTS of BULLS

HERD BULLS AND TOP
RANGE BULLS FEMALES, TOO!

AMERICA'S FASTEST GROWING
BULL MARKET

SOUTHWESTERN HEREFORD SALE

JANUARY 29th

Buy the Best... at Your Price

Visitors Welcome

WIMBERLY HEREFORD

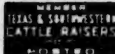
★ Farm ★

SWEETWATER, TEXAS



YOU WILL BE PROUD

Write for further information



TO BE A MEMBER

410 East Weatherford, Fort Worth

of all grasses and roughage. Accordingly, hay and pasture seed goals reflect the continued need for a high acreage of improved quality roughage.

The cotton goal of 16,000,000 bales is the same as announced for 1951. Production at this level would fill all prospective domestic requirements and exports to friendly Nations and provide for a slight re-building of stocks. Since the 28,000,000 acres suggested for cotton is less than the estimated acreage in cultivation on July 1 of last year, a production of 16,000,000 bales will call for an increase in yield.

A soybean goal has been set at 276,000,000 bushels on an acreage of 13,000,000—about the same as last year. Although the goal of 4,000,000 acres of flax will, with normal yields, result in a production somewhat less than disappearance, a higher goal is not established because of existing stocks of linseed oil and the stronger need for feed grain production in the flax growing areas.

The 1952 wheat goal was announced July 21 of last year. Goals for those States in which spring wheat is a major crop will be reexamined in late December, after the first official estimate of winter wheat acreage is available.

The goals for potatoes and winter-and spring-grown vegetables for fresh market have already been announced. Announcement of goals for remaining acreages for vegetables for fresh market and for all vegetables for processing will be made in January of 1952.

The price support levels announced at this time, together with those already announced for fall and winter plantings, are essential price assurances to the producer. Such assurance, providing minimum or "floor" prices, will make it possible for farmers to plan the high-level production which is needed without fear that large production might, under some conditions, force prices to inequitable levels.

The 1952 support price levels announced for corn, upland cotton, rice, wool, milk and butterfat, have been set at 90 per cent of parity as of the beginning of the marketing year, the maximum permitted by the sliding scale under existing legislation. Minimum dollars-and-cents levels for each commodity will be announced as soon as possible and well before planting time. Mohair (for which legislation requires support) will be supported at 75 per cent of parity, as of the beginning of the marketing year. Soybean support has been set at a level which will reflect 90 per cent of the parity price as of December 1, 1951.

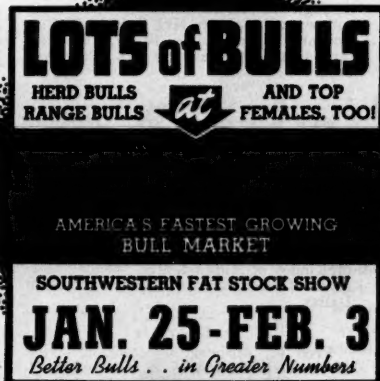
The support level for wheat previously was announced at 90 per cent of the parity price at the beginning of the marketing year, as of July 1, 1952, but not less than \$2.17 per bushel. Also previously determined and announced support levels reflect 80 per cent of parity as of September 1, 1951, for grain sorghums, barley, oats, rye, and flaxseed.

Following are the United States 1952 Production and Acreage Goals, with comparisons:

**75th Annual Convention
TEXAS AND SOUTHWESTERN
CATTLE RAISERS ASS'N
Fort Worth, Texas, March 17-19, 1952**

ATTENTION, RANCHERS!

"Get ahead with Hammon Herefords"



AT FORT WORTH we will sell:

★ **Two Carloads
of Bulls**

(Twos and Coming 2-yr.-old)

TOP RANGE BULLS



★ **Two Pens of
Five Bulls**

(Serviceable age)

TOP RANGE BULLS

Top individuals of America's foremost breeding

**Be Sure
to See Our
Show Herd**

**HAMMON'S
HEREFORDS**

WAYNE H. HAMMON, OWNER
806 CITY NATIONAL BLDG.,
WICHITA FALLS, TEXAS

**Visitors
Welcome at the
Ranch**

*There is no death. The stars go down
To rise on some other shore.
And bright in Heaven's jeweled crown
They shine forevermore.*

J. L. McCreery

Dr. Henry G. Bennett

Dr. Henry G. Bennett, director of President Truman's Point Four program who for 23 years served as president of Oklahoma A. & M. College, was killed in a plane crash during a blinding snowstorm north of Teheran, Iran, while on an official visit in connection with the program. Thirteen other Americans, including Mrs. Bennett, perished in the crash. Bennett started his career in the educational field as county superintendent of Choctaw County, Oklahoma, in 1909. At the end of World War I he was named president of Southeastern Oklahoma State College at Durant, a job he held until he became head of Oklahoma A&M in 1928.

Captain Willie Lee Barler

Captain Willie Lee Barler, early day rancher and Texas Ranger, died November 9 at the Cunningham Ranch near Sanderson, Texas, at the age of 78. As a young man he managed a ranch in Mexico and later served with the Texas Rangers, becoming a captain. He then served with the U. S. Customs Service until his retirement in 1940. For the past 14 years he had been employed as a special ranger by stockmen of Terrell and adjoining counties on a commission from

the state of Texas, associated with Terrell County Sheriff Nance in livestock theft prevention. He is survived by a daughter, Mrs. J. D. Robertson, Jr., San Angelo; two granddaughters, Margo and Jane Robertson, and a sister, Mrs. D. T. Monroe, Houston.

W. Albert Lee

W. Albert Lee, 58, Houston financier, chairman of the board of the Houston Fat Stock Show, hotel operator and owner of radio station KLEE, died at his home in Houston November 23 of a self-inflicted wound. Lee was found dead in bed, shot through the chest. Survivors include his widow; a daughter, Mrs. Lester E. Von Rosenberg, LaGrange, Texas; four sisters, three brothers and two grandchildren.

Ed B. Beck

Ed B. Beck, pioneer cattleman of Fisher County, Texas, died November 27 at his ranch home near Sylvester at the age of 85. He had been in the cattle business more than 60 years and had resided in Fisher County since 1906. Surviving are a son, James B. Beck, Sylvester; and five daughters, Mrs. V. B. Carothers and Mrs. Jack Simmons of Abilene, Mrs. Burns McKinney of Midland, Mrs. Wendell Harrison of Memphis and Miss Shi Beck of Dallas.

Fred Ahrberg

Fred W. Ahrberg, livestock specialist of the Oklahoma A. & M. College, Stillwater, Okla., was stricken with a heart attack while attending the International Livestock Exposition in Chicago November 23. Ahrberg died a few hours later in his hotel room. He was 54 years old and

had been in extension work since 1929, serving as county agent in Lincoln and Osage Counties before moving to Stillwater in 1945 to take over duties as extension animal husbandman. Surviving are his widow, a daughter, Ruth Marie, and two sons, William, with the army in Korea, and Robert, a student at the college.

Charles T. Moore

Charles T. Moore, rancher of Wheatland, Wyo., died November 5 at the age of 67. He had been a rancher for 31 years 27 miles southeast of Wheatland. He is survived by his wife, Margaret; six children, Mrs. Ed Preuit, Mrs. Margaret Gaddis, Charles T. Moore and Mrs. Beula Kafka, all of Wheatland; Mrs. Doris Kiser of Cheyenne and Mrs. Dorothy Cary of Medicine Bow, Wyo.; two brothers, Andy Moore of Green River, Utah, and Agutic Moore of Winnemucca, Nev.; one sister, Mrs. Margaret Chryst of Shelby, Mont.; seventeen grandchildren and one great-grandchild.

J. Bailey Henry

J. Bailey Henry, Charlotte, Texas, died November 6 at his home. He was 64 years old. Survivors include his wife and three sons, Col. J. B. Henry, Jr., California; Lee Henry of Charlotte, Texas, and William Henry of San Antonio, Texas.

W. T. Hutcheson

William T. Hutcheson, pioneer West Texas rancher and Hereford breeder, died November 10 at his home near Archer City at the age of 84. Hutcheson started his career in the cattle business near Smithfield, Texas, in 1908, and showed cattle in the Fort Worth show

BE SURE TO LOOK THESE OVER



B MASTER MIXER 1st

His half brother and half sister sell at Fort Worth. We recently sold a half interest in him to Flat Top Ranch.

Selling at Fort Worth



LOTS of BULLS
NEED BULLS *at* AND TOP
RANGE BULLS FEMALES, TOO!

SMALL & LARGE CATTLE
BULL MARKET

SOUTHWESTERN HEREFORD SALE
JANUARY 29th
Buy the Best . . . at Your Price

- B Master Mix by JHR Master Mixer 25th. This junior bull calf was first in a class of 14 at the 1951 Temple show, also a member of the first prize two bulls and pair of calves. He is a top herd bull prospect.
- B Miss Mixer, senior heifer calf by JHR Master Mixer 25th, from our show herd and a member of the first prize pair of calves at Temple. A top open heifer.
- B Baca Duchess, an outstanding junior heifer calf by Noe's Baca Duke 10th, the outstanding herd sire at Nance Hereford Ranch. If you are looking for a top prospect be sure to see this heifer.

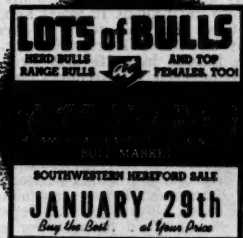
★ For sale at the ranch—a nice group of serviceable age bulls

BASSEL HEREFORD FARM

TEMPLE
TEXAS

Mix More Value in Your Herd...

GET A GRISSOM MIXER BULL TO HEAD IT!



EG ROYAL MIXER 2215th

by HG Proud Mixer 579th

by WHR Proud Mixer 21st

We are selling two outstanding herd bull prospects in the Fort Worth sale. They are half brothers to EG Royal Mixer 2215, the 1951 Fort Worth Reserve Champion and top selling bull at \$28,000. They are also half brothers to BR Proud Mixer, the Arledge bull that sired the champion bull at the recent Abilene sale. Be sure to look these bulls over at Fort Worth. We wish to thank all the breeders who purchased cattle from us in 1951 - our best wishes go with these Herefords.

These Top Value Prospects Sell at Ft. Worth

★ EG ROYAL MIXER 172d 6551493

Calved Oct. 27, 1950

| | | |
|----------------------------------|----------------------------------|---|
| HG Proud Mixer 579th 4420979 | WHR Proud Mixer 21st 3781225 | WHR Princess Mixer WHR Emily 3d |
| | Miss Virginia 3111815 | Harley Domino 360th Miss Domino Aster 262d |
| Miss Home Maker 199th 3871825 | Home Builder 107th 2670728 | Home Builder Miss Benefactor 30th |
| | Miss Benefactor 118th 2776643 | Benefactor Miss Home Maker 36th |

★ EG ROYAL MIXER 215th 6660761

Calved Feb. 1, 1951

| | | |
|---------------------------------|---------------------------------|---|
| HG Proud Mixer 579th 4420979 | WHR Proud Mixer 21st 3781225 | WHR Princess Mixer WHR Emily 3d |
| | Miss Virginia 3111815 | Harley Domino 360th Miss Domino Aster 262d |
| Rosie True 3575871 | WHR True Mold 13th 2751216 | WHR Domino Stanway 44th WHR Esther Domino 25th |
| | Jr. Rose D. 3010099 | Jr. Domino 46th Rose Domino |

★ EG ROYAL LADY 142d 6235615

Calved May 18, 1950

| | | |
|---------------------------------|---------------------------------|-------------------------------------|
| HG Proud Mixer 605th 4585506 | WHR Proud Mixer 21st 3781225 | WHR Princess Mixer WHR Emily 3d |
| | Miss Domino 953d 3100645 | Diamond Domino Miss Domino 689th |
| HG Proud Lady 946th 5116776 | WHR Proud Mixer 21st 3781225 | WHR Princess Mixer WHR Emily 3d |
| | Careen 3106354 | Young Mixture 28th Scarlett |



EG Royal Lady 253rd

We are selling an outstanding half sister to EG Royal Lady 253rd, Reserve Champion Female at the National Hereford Show at Dallas and Iowa Park, 1951. You will note that she is a double bred "21st".

EARL GUITAR, JR.

ELMER GEESLIN

I. H. SPIKES

DAVE WILLIAMS

Hardy GRISSOM Hereford Ranch

ABILENE, TEXAS

EARL GUITAR
Owner and Manager

until 1912. In 1916 he moved to Archer County and continued to show his cattle in shows until about 12 years ago, when he retired. For two years he served as deputy sheriff of Tarrant County. Survivors include his wife and three sons; Roy Hutcheson of Archer City, S. F. Hutcheson, Wichita Falls, and Tom Hutcheson, Wichita Falls.

Hal J. Rowlett

Hal J. Rowlett, early day rancher, livestock inspector and filling station operator of Sanderson, Texas, was found dead at his home November 19. He was 75 years old and had been ill for several months. Rowlett operated the Cinco de May Ranch near Langtry for a while, and five years prior served in the Texas State Livestock Sanitary Department as an inspector. He had previously ranched in Mexico and had served in the Texas Rangers for a short period. He is survived by a brother, Darrell Rowlett, in California; a sister, Miss Ruth I. Rowlett of Houston; a son, Sgt. Hal J. Rowlett, Jr., who is in the Air Force and stationed at Roswell, N. M.; and a granddaughter, Michael Rowlett.

Landon Rose

Landon Rose, 80-year-old Terrell County ranchman, died in Sanderson November 17 at the home of his daughter, Mrs. Tol Murrah. Rose had ranched in Terrell County since 1926, retiring last June because of illness. Survivors include the widow, Mrs. Lizzie Saner Rose; two daughters, Mrs. Sam Draper of Del Rio, and Mrs. Tol Murrah of Sanderson; one son, Hugh Rose of Sanderson; two grandchildren, Pfc. Will J. Murrah of Carswell AFB in Fort Worth and Mary Landon

Rose of Sanderson; two brothers, Dr. Fred Rose of Del Rio and Dr. E. D. Rose of Bowling Green, Ky., and a sister, Mrs. Kate Gray of San Antonio.

W. O. Parker

W. O. Parker, pioneer cattleman of Indianola, Okla., died in a Lawton hospital at the age of 82. He had been in failing health for some time. He is survived by his wife; three sons, F. O., Clement; R. W., Oakland, Calif.; Elmer, Indianola; two daughters, Mrs. Rosie Weisner, and Mrs. Andy Marcum, both of Indianola; nine grandchildren and 10 great-grandchildren.

Charlie Craighead

Charlie Craighead of Alice, Texas, died November 20 at the age of 73 years. Craighead was born and reared in Wilson County, Texas. He was a former Texas Ranger and inspector for Texas & Southwestern Cattle Raisers Association. He is survived by a daughter and son. At the time of his death he was employed at Bishop, Texas.

Paul Garth Spining

Paul Garth Spining, oil and cattleman of Chickasha, Okla., died December 10 at the age of 73. Spining was born in Hannibal, Mo., the son of a Presbyterian minister. He came to Chickasha in 1906 and together with W. G. Armstrong founded the Armstrong-Spining Lumber Company. With the death of his partner in 1913 he pioneered the sale of automobiles in southern Oklahoma. For the past ten years he operated the 15,000-acre S Lazy S Hereford Ranch near Post, Texas. He is survived by his wife, Mary; two sons, Paul Garth Spining, Jr., Chick-

asha, and George Wilson Spining, Lubbock, Texas, and seven grandchildren.

G. W. Peters

George Washington Peters, one of the last surviving Chisholm Trail drivers, died at his home in Mineral Wells, Texas, December 9 at the age of 86. He was born in Arkansas and came to Palo Pinto county when he was 17 years old, but moved to the Texas Panhandle to ranch and drive cattle. He is survived by his wife; a son, W. M. Lewis Peters, Dallas; two daughters, Mrs. Carrie Marie Van Dreal and Mrs. Paul Cline, Mineral Wells; a brother, Wesley Peters, Fort Smith, Ark.; six grandchildren and 11 great-grandchildren.

Ira Deakins

Ira Deakins, pioneer Coleman county rancher, died in a Ballinger hospital in September at the age of 79. Deakins came to Coleman county from Arkansas in 1890 and married Miss Pearl Parker of Novice, Texas, in 1896. In 1909 he bought a ranch near Talpa on which he had resided until his death. He is survived by his widow; a son, Jim Deakins of Pecos; and three daughters, Mrs. Will Moore, Ballinger; Mrs. Dillard Adair of Dublin; and Miss Ruby Deakins of Ozona.

Caleb Martin Adams

Caleb Martin Adams, 76, Kansas City livestock commission man, was killed November 15, in an automobile accident near Springfield, Mo. Fred Gammon, Springfield livestock dealer riding with Adams, was also killed when their car collided with a truck. At the time of his death Adams was associated with the



1950 Champion Pen of Five Bulls, Fort Worth SELLING One Pen of 5 Bulls, Fort Worth

Four of these bulls are by OJR Double Royal.
One is by D Royal Domino 20th.

PARKS HEREFORD RANCH

CLIFTON, TEXAS

LOTS of BULLS

HERD BULLS AND TOP
RANGE BULLS FEMALES TOO!

AMERICA'S FASTEST-GROWING
BULL MARKET

SOUTHWESTERN FAT STOCK SHOW
JAN. 25 - FEB. 3

Better Bulls... in Greater Numbers

Spotlight on

BREEDING POWER



For Herd Bull Prospects, Top Range Bulls, or Replacement Females—Make JHR your headquarters—We believe you can fill your needs. You are always welcome at JHR.

LOTS of BULLS

HERD BULLS
RANGE BULLS



AND TOP
FEMALES, TOO!

AMERICA'S FASTEST GROWING
BULL MARKET

SOUTHWESTERN HEREFORD SALE

JANUARY 29th

Buy the Best . . . at Your Price

Offering at Fort Worth:

- Two Top Open Heifers
One by MW Larry Mixer 10th and one by JHR
Principes Mixer.
- Four Herd Bull Prospects—two are sons of MW Larry
Domino 73rd, top herd bull prospects, and one is by
a half brother of TR Zato Heir and one by JHR
Principes Mixer.
- One Pen of 5 Bulls.

Offering at the ranch . . . 25 top range bulls, aged 12 to 16 months
old and a number of cows heavy in calf. Also several top open
heifers of breeding age. These cattle are priced to move.

at

JONES

HEREFORD RANCH

RHOME, TEXAS

F. D. JONES, Owner

MARVIN MAYBERRY, Mgr.

Joe R. Hoover Commission Company. He had been a member of the Kansas City Livestock Exchange for more than 50 years. He is survived by his wife and a daughter, Mrs. C. H. Keim, both of Kansas City, Mo.

Earl B. Sams

Earl B. Sams, rancher and cattleman of Knox county died at his home in Benjamin December 5 at the age of 63. He formerly served as Knox County assessor-collector and had been a resident of the area for 49 years. Survivors include his wife; a daughter, Mrs. Homer T. Melton of Benjamin; two sons, R. L. of New Orleans and Van Earl Sams of Vernon; his mother, Mrs. A. D. Sams of Benjamin; two brothers, Paul of Petersburg and Ted Sams of Memphis, Tenn., and six grandchildren.

Dr. N. A. Poth

Dr. N. A. Poth, pioneer physician and cattleman of Seguin, Texas, died December 4 at the age of 70. Dr. Poth operated the Dundee Ranch and had been a resident and practicing physician at Seguin for nearly 40 years. He is survived by his wife; a son, Dr. Duncan Poth of San Antonio; a daughter, Mrs. Ross Wilder of Austin; and two grandchildren.

William States Jacobs

William States Jacobs, prominent minister and Brahman breeder of Houston, died December 25 at the age of 80. Jacobs was pastor of the First Presbyterian Church in Houston for 26 years and became one of the nation's leading Brahman breeders after retiring from the pulpit in 1932. He bought his first Brahman in 1920, but foot and mouth dis-



"They don't git past him any more since I filed them points on his teeth!"

ease wiped out the herd in 1924. He later bought another herd of full blooded Brahman that have played a dominant part in the development of the hump-backed animals in Texas. Sales of animals from this herd are estimated to exceed a million dollars.

Meat Exhibit Attracts Attention at International

A DIET high in protein and low in fats, sweets and starches, including ample portions of lean meat, can solve the problem of over-weight with safety and comfort.

This was one of the lessons stressed in the educational meat exhibit set up by the National Live Stock and Meat Board at this year's International Live Stock Exposition in Chicago. The im-

portance of this phase of the exhibit is brought out by the Board when one considers that according to the medical profession, one of every four persons in this country carries extra poundage. Physicians assert that extra weight is a menace to health.

This nutrition display also brought out the fact that since meat is a rich source of high quality protein it is also important in the treatment of anemia, burns and wounds, diabetes, colitis, liver disease, underweight, ulcers, high blood pressure, infections and kidney disease.

This meat exhibit also portrayed the role of meat in peace and war. A thought-provoking phase of the exhibit was one showing the use of 4-way beef prepared by the meat packing industry for the armed forces. This beef is prepared in a form which insures that it can be utilized to the best possible advantage for military feeding.

A 40-foot continuously moving conveyor was a center of attention featuring an array of cuts of beef, pork, lamb as well as such variety meats as liver and kidney. Another display presented various kinds of sausages and ready-to-serve meats.

A lard display showed a farm scene which included a sow and litter of pigs and a boy and his dog. This display called attention to the fact that lard is a favorite cooking fat with millions of homemakers, and brought out that the 1951 lard output will be 2 billion, 900 million pounds.

The Cattleman — Subscription rates: One year, \$2; three years, \$5; five years, \$8; foreign, one year, \$4. 410 E. Weatherford, Fort Worth, Texas.

LOTS of BULLS
HERD BULLS *at* AND TOP
RANGE BULLS FEMALE YOKI

AMERICAN FASTEST GROWING
BULL MARKET

SOUTHWESTERN HEREFORD SALE
JANUARY 29th
Buy the Best at Your Price

**T BONE
HEREFORDS
← SELL →**

DENVER
*NATIONAL WESTERN
Hereford Sale*
JAN. 14, 15

Selling two senior bull calves by CW Prince Junior—he by CW Prince Domino 21st—highest living Register-of-Merit Sire.

CW Crown Prince (right)—first and reserve champion at Dallas, first and reserve champion at Iowa Park, first at Denver, first at Houston 1950. Two of his half brothers sell at Fort Worth and one half brother sells at Denver.



Selling one senior bull calf
by CW Prince Junior

Also at Denver

... selling one carload of yearling feeder steers. They are from same cows and bulls that produced the steer calves we sold at the ranch this fall for 43c per pound. All the bulls used on our commercial ranch at Antonito, Colorado, are produced by us here at our Purebred Ranch—look these steers over at Denver and visit us at the shows or Wichita Falls and see the kind of bulls that sire these steers.

T BONE RANCH WICHITA FALLS, TEXAS

Selling two EXTREME TOP HERD SIRE PROSPECTS!



LOTS of BULLS

HERD BULLS
RANGE BULLS



AND TOP
FEMALES, TOO!

AMERICA'S FASTEST GROWING
BULL MARKET

SOUTHWESTERN HEREFORD SALE

JANUARY 29th

Buy the Best . . . at Your Price

★ MEDINA TRIUMPH 21st

Calved July 27, 1949

| | | |
|-------------------------------|------------------------------------|-------------------------------------|
| TT Royal Triumph 3967623 | WHR Royal Domino 51-2123530 | Prince Domino C WHR B Dom 49 |
| | WHR Royal Heiress 86-2441579 | Prince Domino C WHR Lady Dom 34 |
| Kays Monty Vag 109 4044505 | Monty's Vagabond 3341508 | Vagabond Mischief Anoka Mixer |
| | Kay's Randolph Dom. 115-3121790 | Monty's Lad 38 Eula Randolph 688 |

Medina Triumph 21 is an outstanding two-year-old bull that was champion bull at Springfield, Mo.; Topeka, Kan.; Nashville, Tenn.; Muskogee, Okla., and reserve champion at Sedalia, Mo., and Des Moines, Iowa. Second at Lincoln, Memphis, Dallas; third at Kansas City and fourth at Cow Palace. Top bull ever offered for sale by Straus Medina Hereford Ranch.

★ MEDINA TRIUMPH 26th

Calved Nov. 12, 1949

| | | |
|------------------------------|---------------------------------|------------------------------------|
| TT Royal Triumph 3967623 | WHR Royal Domino 51-2123530 | Prince Domino C WHR B Dom 49 |
| | WHR Royal Heiress 86-2441579 | Prince Domino C WHR Lady Dom 34 |
| Fiesta Heiress 27 3762303 | C. W. Carlos Domino 2186977 | Carlos Domino WHR Royal Heiress |
| | Miss Alicia 7 2367409 | WHR Royal Domino Miss Alicia 3 |

Medina Triumph 26 was reserve champion bull at 1950 Beaville Show—shown very successfully as a calf. A very strong head, lots of depth of body, thickness of quarter and bone—of herd bull caliber in his own right. Full brother to Straus Royal Lady 12, a junior yearling that showed very successfully last year. Concentrated Prince Domino C bred bull.

"As Good as They Come"



STRAUS

Medina
HEREFORD RANCH *San Antonio, Tex.*



T. R. Straus • David I. Straus • Joe Straus, Jr. • H. A. Fitzhugh, Mgr.

Livestock Judging Program Southwestern Exposition and Fat Stock Show

January 24 - February 3

THURSDAY, JANUARY 24, 1952

7:30 a. m.—Open Cutting Horse Contest Elimination—Coliseum Arena.

FRIDAY, JANUARY 25, 1952

8:00 a. m.—Quarter Horse and Palomino Stock Horse Performance Classes—Coliseum Arena.

8:00 a. m.—Sifting all Steer Entries—Cattle Arena.
8:00 a. m.—Sifting Lamb Entries—Sheep Arena.
2:00 p. m.—All Western Parade—Downtown.

SATURDAY, JANUARY 26, 1952

8:00 a. m.—Boys' Steer Show—Cattle Arena.
8:00 a. m.—Quarter Horse Stallion and Gelding Halter Classes—Coliseum Arena.

8:00 a. m.—Future Farmers and 4-H Club Grass Judging Contest—Auction Arena.
1:00 p. m.—Boys' Lamb Show—Sheep Arena.
1:00 p. m.—New Zealand Rabbits—Poultry Building.

SUNDAY, JANUARY 27, 1952

8:00 a. m.—Quarter Horse Mare Halter Classes—Coliseum Arena.

8:00 a. m.—Weighing and Sifting Barrows—Swine Arena.

9:00 a. m.—New Zealand Rabbits—Poultry Building.

10:00 a. m.—Bulls—Carload and Pen Division, all breeds.

MONDAY, JANUARY 28, 1952

8:00 a. m.—Palomino Horse Halter Classes—Coliseum Arena.

8:00 a. m.—Hereford Cattle—Cattle Arena.

8:00 a. m.—Open Steer Show—Cattle Arena.

8:00 a. m.—Boys' Pig Show—Swine Arena.

8:30 a. m.—Corriedale, Shropshire and Suffolk Sheep—Sheep Arena.

9:00 a. m.—Poultry and Turkeys—Poultry Building.

1:00 p. m.—Open Barrow Show—Berkshire, Chester White and Duroc—Swine Arena.

1:00 p. m.—Lams—Open Classes—Sheep Arena.

TUESDAY, JANUARY 29, 1952

8:00 a. m.—General Livestock Judging Contest for Senior Agricultural College Students—Coliseum Arena.

8:00 a. m.—Shetland Ponies—Halter Classes—Coliseum Arena.

8:00 a. m.—Brahman Cattle—Cattle Arena.

8:30 a. m.—Hampshire and Southdown Sheep—Sheep Arena.

8:30 a. m.—11:00 a. m.—Open Barrow Show—Hampshires, Hereford—Swine Arena.

9:00 a. m.—Polled Hereford Cattle—Cattle Arena.

9:00 a. m.—Poultry and Turkeys—Poultry Building.

1:00 p. m.—3:00 p. m.—Open Barrow Show—Poland Chinas, Spotted Poland Chinas—Swine Arena.

3:00 p. m.—Open Barrow Show—Truckloads and Champions.

WEDNESDAY, JANUARY 30, 1952

8:00 a. m.—Intercollegiate Meat Judging Contest.

8:00 a. m.—Southwestern Dairy Judging Contest for Senior Agricultural College Students—Coliseum Arena.

8:00 a. m.—Hereford Cattle—Cattle Arena.

8:30 a. m.—Rambouillet and Delaine Merino Sheep—Sheep Arena.

8:30 a. m.—Hampshire, Chester White, Poland China and Spotted Poland China Hogs—Swine Arena.

9:00 a. m.—Shorthorn Cattle—Cattle Arena.

9:00 a. m.—Poultry—Poultry Building.

1:00 p. m.—Angora Goats—Sheep Arena.

THURSDAY, JANUARY 31, 1952

8:00 a. m.—General Livestock Judging Contest for Junior A. & M. and Teachers' College Students—Coliseum Arena.

8:00 a. m.—Aberdeen-Angus Cattle—Cattle Arena.

8:00 a. m.—Guernsey Cattle—Cattle Arena.

8:30 a. m.—Berkshire, Duroc and Hereford Hogs—Swine Arena.

9:00 a. m.—Rabbits and Poultry—Poultry Building.

9:00 a. m.—American Saddlebred Halter Classes for Yearlings and 2-year-olds—Coliseum Arena.

10:00 a. m.—Holstein-Friesian Cattle—Cattle Arena.

10:00 a. m.—Walking Horse Halter Classes for Yearlings—Coliseum Arena.

1:00 p. m.—Boys' Dairy Calf Show—Cattle Arena.

FRIDAY, FEBRUARY 1, 1952

8:00 a. m.—Jersey Cattle—Cattle Arena.

9:00 a. m.—Rabbits—Poultry Building.

SATURDAY, FEBRUARY 2, 1952

8:30 a. m.—Negro Boys' Pig Show—Swine Arena.

PROGRAM OF AUCTION SALES

TUESDAY, JANUARY 29, 1952

9:00 a. m.—Hereford Cattle—Auctioned by the American Hereford Association, Jack Turner, Sales Manager, Kansas City, Mo.

WEDNESDAY, JANUARY 30, 1952

1:30 p. m.—Polled Hereford Cattle—Auctioned by Texas Polled Hereford Association, Henry Fussell, Secretary, Dallas, Tex.

THURSDAY, JANUARY 31, 1952

9:30 a. m.—Shorthorn Cattle—Auctioned by Shorthorn Club, Ted Asgerter, Sales Manager, Chicago, Illinois.

1:00 p. m.—Bred Gift and Boar Sale—Auctioned by Texas Hampshire Swine Breeders Association.

FRIDAY, FEBRUARY 1, 1952

9:00 a. m.—Sale of Steers, Lambs and Barrows.

12:00 Noon—Aberdeen-Angus Cattle—Auctioned by Texas Aberdeen-Angus Breeders' Association, Luther McGinnis, Fort Worth, Texas, Sales Manager.

**75th Annual Convention
TEXAS AND SOUTHWESTERN
CATTLE RAISERS ASS'N
Fort Worth, Texas, March 17-19, 1952**

LOTS of BULLS
HERD BULLS AND TOP
RANGE BULLS FEMALES, TOO!

AMERICA'S FASTEST GROWING
BULL MARKET

SOUTHWESTERN HEREFORD SALE

JANUARY 29th

Buy the Best... at Your Price

★ LARRY DOMINO M 41st

Calved September 1, 1949

MW Larry Domino 92nd
5678881

Larry Domino 50th

2624412

Colorado Princess J.

277th 3391512

Larry Domino

Miss Sturges

Colorado Domino 237th

Princess Domino 500th

Superdonna Domino 46th
5069982

Super Dom. Return

3766060

Pauline Domino 4th

3069849

Prince Dom. C. 122nd

Miss Beau Daisy Dom.

Prince Dom. Premier

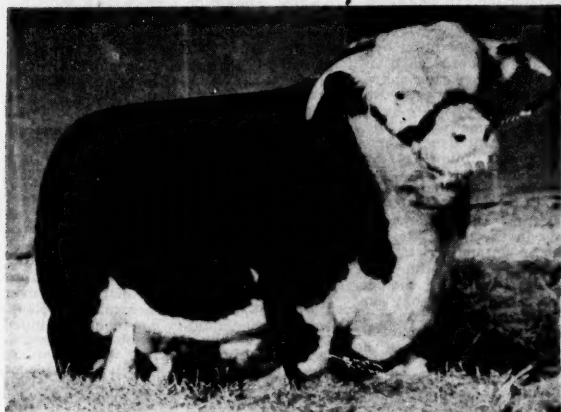
Pauline Domino 2nd



PHILLIPS HEREFORD RANCH FRISCO, TEXAS

B. F. PHILLIPS, Mercantile Bank Building, Dallas, Owner

PROUD MIXERS FOR DENVER and FORT WORTH



Selling at

DENVER
NATIONAL WESTERN
Hereford Sale
JAN. 14, 15

BHF Proud Mixer 17th★

6147981

Calved April 7, 1950

His Fall Show Record

★ **First - Tri-State Fair**

Amarillo

HG Proud Mixer A
4946286

RI Baca Royalette
4883014

WHR Proud Mixer

21st 3781225

Babe Domino 10th
3089211

Advance A. R. Domino

4108071

Baca Lady Stanway
2nd 3136868

WHR Princess Mixer

WHR Emily 3rd

Ambrose Domino 6th
Babe Domino

Advance A. Domino

Miss Royal Adv. Dom.

Home Builder 77th
Lady Domino 231st

★ **First - American Royal**
Kansas City

★ **First - Cow Palace**
San Francisco

★ **First - Ogden Livestock Show**
Ogden

Also Selling

One senior yearling heifer
bred to the "17th"

LOTS of BULLS
HEAD BULLS AND TOP
RANGE BULLS FEMALES TOO!

AMERICAN LARGEST BULL MARKET

SOUTHWESTERN HEREFORD SALE
JANUARY 29th

Buy the Best . . . at Your Price

Selling the remainder of our Show String in Fort Worth as usual

- Two senior bull calves
- One junior heifer calf
(2nd at Cow Palace and Ogden)
- One summer bull calf

★ All Our Cattle Are Sired by the Great Breeding Bull, HG Proud Mixer A

BOWEN HEREFORD FARM Coleman, Texas

BOB BOWEN, Owner



DALE BURLESON, Herdsman

Radiation Promises Aid in Fight on Screw-Worm Fly

EMERGING from a laboratory study into small-scale field tests under practical conditions is a revolutionary scientific innovation in the use of radiant energy which it is hoped may be developed to eradicate the screw-worm fly—one of the serious insect pests that causes huge losses annually to the livestock industry in the Southeast, as well as west of the Mississippi river. No previous attack on any insect pest has been made along comparable lines, says the U. S. Department of Agriculture and scientists of the Bureau of Entomology and Plant Quarantine are not ready to recommend a full scale campaign until they have had opportunity to make thorough field tests and to develop practical and economical applications of the scientific principles.

The new method is aimed at eradication—not mere control—of the screw-worm fly in southeastern States. It involves the carefully timed liberation of laboratory-reared insects after exposing them to radiation that sterilizes them. A treated female fly lays infertile eggs that do not hatch. When a radiated male has mated with a normal female in the laboratory, the eggs from the female are deposited as usual, but do not hatch into the maggots that damage livestock. The studies have shown that the female fly mates only once, and if this mating is with a treated male, none of the 300 or more eggs she lays in her lifetime hatch.

Cage tests indicate that when there

are 5 to 10 times as many radiated as normal males in a mating area, eggs from most females are infertile and there is only slight reproduction. In southeastern States, winter weather usually causes the death of most of the screw-worm flies. The pest usually overwinters only in the central and southern parts of Florida. Even here winter weather sharply reduces the number of the pests. But in unusually mild winters, such as in 1948-49 and 1949-50, some pests overwinter farther north than usual, and a northward spread in the following summer causes unusually heavy losses until a severe winter restores the balance, as happened in 1950-51.

Although in nature the screw-worm flies develop only in the living flesh of animals, the Federal entomologists have developed a laboratory method for mass rearing of the flies. Because of the relatively small number of flies that survive the winter in Florida, the results of the cage tests indicate that it may be proved practical to rear and liberate the infertile treated flies in numbers 5 to 10 times as great as the wild flies in the area. If field results compare with the laboratory results, the following generation in the field would then be much reduced below the number surviving the winter. The hope is that by continuing mass liberations of treated flies over two winters and the intervening summer, the complete elimination of the fly can be attained in the Southeast.

In the preliminary experiments that revealed this possibility, the radiation has been with X-Rays. The BEPQ has arranged with the Atomic Energy Commission for tests of atomic radiations as sources of sterilizing rays which might prove equally effective and less expensive for treatments. The research staff of the General Electric Company is also interested in the development and plans to provide irradiation with cathode rays for test groups of the pests. The laboratory work has indicated that close and accurate timing of treatment is necessary to make it effective. The pupal or resting stage of the pest lasts about 8 days. If the pupae are irradiated at 2 days of age the rays do not sterilize the males. Their sixth day has proved the most effective time for treatment.

The laboratory experiments have suggested that an eradication campaign might proceed approximately as follows: Mass rearing laboratories would be set up ready for production of millions of the insects each week, starting early in the year. The insects would be irradiated on their sixth pupal day, and the flies when hatched would be distributed over the infested area from airplanes. Rearing and distribution would be continued through the normal season of the insects and into the following winter—unless the scientists found convincing evidence that the pest had been eradicated and that the campaign could be discontinued.

The original research was done at the Bureau's Kerrville, Texas, laboratory using X-Ray equipment at a hospital near San Antonio. Plans have been developed for small scale field tests on an island off the west coast of Florida. The Department says that this will constitute a



POCO BUENO
Reg. No.
P-3044 A.Q.H.A.

Registered Quarter Horses

THREE D STOCK FARM

ARLINGTON, TEXAS

Homes of

Poco Bueno and Pretty Buck



PRETTY BUCK
Reg. No.
P-2103 A.Q.H.A.

SEE OUR HORSES AT FORT WORTH

We are looking forward to seeing our many friends and horsemen at the Southwestern Exposition and Fat Stock Show at Fort Worth and invite them to see our Horses on exhibit there, and visit Three D Stock Farm nearby.

We will have entries in most of the halter and performance classes. We will feature the get of our two stallions, Poco Bueno P-3044 and Pretty Buck P-2103. You are especially invited to look them over closely.

Snipper W., champion cutting horse of 1951 Show, in action at State Fair of Texas, where he was also champion cutting horse. →



Three D Stock Farm is dedicated to the improvement of Quarter Horses

THREE D STOCK FARM, ARLINGTON, TEXAS

E. P. WAGGONER, Owner
GLENN TURPIN, Manager

Office, 814 W. T. Waggoner Bldg.
FORT WORTH

LEWIS "PINE" JOHNSON
Foreman and Trainer

WE WILL SELL

Three Top Individuals

and

One Pen of 5 Bulls

At Fort Worth



M Larry Domino 12th 4984071

| | | |
|---------------------------------|----------------------------------|--|
| MW Larry Domino 19th 5670103 | Larry Domino 50th 2624412 | Larry Domino Miss Sturgess |
| | MW Royal Heiress 29th 3049645 | Colorado Domino 159th MW Royal Heiress 25th |
| Martha Diamond 1642294 | Diamond 568490 | Domino Blanche 48th |
| | Martha Stanway 1225835 | Randolph's Stan. Floydada 1st |

LOTS of BULLS

HERD BULLS
RANGE BULLS



AND TOP
FEMALES, TOO!

AMERICA'S FASTEST GROWING
BULL MARKET

SOUTHWESTERN HEREFORD SALE

JANUARY 29th

Buy the Best . . . at Your Price

Our Consignment:

★ M Larry Domino 12th (pictured as a two-yr.-old) sells at Fort Worth. He is an outstanding sire that we are selling only because we have three sets of heifers by him and so many of the females in our herd are closely related to him. He sired the champion sale bull at the recent Sweetwater sale, that sold for \$2,000. We feel that if you are looking for a proven bull that carries top breeding and has produced especially well for us that you will be pleased with this proven sire.

★ One daughter of MW Larry Domino 19th and out of a Beau Gwen cow—she sells bred to B Royal Mixer 7th—he by HG Proud Mixer 673rd. This top heifer will calve soon after the sale.

★ One top open heifer by B Proud Mixer 7th.

★ One pen of 5 bulls, all senior bull calves and sired by MW Larry Domino 19th. Many of these bulls are truly top herd bull prospects.

BAR M RANCH

LOCATED ON HY. 80, NINE MILES EAST OF MIDLAND

O. H. McALISTER, Owner • Box 1149, Big Spring, Texas

Undefeated Pair of Calves



**PRINCE
PUBLICAN
141st**

PRINCE PUBLICAN 141st, by CW Prince Domino 21st, highest living Register of Merit sire. This top senior bull calf was Reserve Champion at the National Hereford Show, Huron, South Dakota, and Eastern National Show, Timonium, Maryland, 1951. His half brother and half sister sell at Fort Worth, January 29.



**LS
BLUE BONNET
285th**

LS BLUE BONNET 285th—Grand Champion Female, National Hereford Show, Huron, South Dakota, Reserve Champion Female, American Royal, Blue Grass Hereford Show and the International—1951.

LOTS of BULLS
HERD BULLS AND TOP
RANGE BULLS FEMALES, TOO!

AMERICA'S FASTEST GROWING
BULL MARKET

SOUTHWESTERN HEREFORD SALE

JANUARY 29th

Buy the Best... at Your Price

★ Selling at Fort Worth:

- 1 summer bull calf by LW Prince Domino 21st—a top prospect.
- 1 junior heifer calf by CW Prince Domino 21st.

★ Selling at Denver:

- 1 top junior bull calf by CW Prince Jr., one of the top breeding sons, by CW Prince Domino 21st.

LS HEREFORDS

ROY R. LARGENT & SONS

★★★★★ **MERKEL, TEXAS** ★★★★★

"pilot plant" scale test against wild flies designed to try the method under practical conditions and to give the scientists practical experience in the mass rearing, mass irradiation, and liberation of the treated flies.

BEPQ scientists emphasize that their hopes for successful eradication of this pest are confined to the Southeast where the insect was not known until 1933, when it probably arrived with a shipment of livestock. If it can be eradicated in this area it could probably be kept out by careful supervision to prevent shipment of infested livestock from west of the Mississippi river.

For the western area, where the screw-worm has always been a serious pest, the research workers have continued to improve treatments for infested animals. "Smear 62" has been the standard remedy for several years, but the BEPQ is now recommending what is known as "EQ-335", which gets its name from its principal constituents—3 per cent of lindane and 35 per cent of pine oil. Lindane is one of the newer insecticides, and makes the remedy effective for a week, in place of the 2 to 4 days over which "Smear 62" was effective.

Knowledge that X-Rays can sterilize insects traces back to earlier genetic studies with fruit-flies. Over-exposure, it was noted, left the flies sterile. The Kerrville experiments showed that with a heavy excess of X-rayed males, eggs from most female screw-worm flies failed to hatch.

Annual losses from screw-worm fly infestations in the eastern area amount to millions of dollars. Without pilot plant experience on which to base calculations, the entomologists are not confident as to success of the method or probable costs for a full scale eradication campaign, but think the indications are that it might be in the one million dollar range—only a fraction of the losses of a single year. If a cheaper source of effective radiation can be found, it would help materially in lowering costs, they say.

A serious difficulty that has prevented active efforts to eradicate the pest by enforced inspection and treatment of infested animals is the fact that the pest also attacks and multiplies on wild animals and neglected livestock, especially woods' hogs. Also, the costs of such a campaign would be much greater than the estimate for eradication by irradiation of a surplus of reared flies, if this can be developed to get practical results.

New Health Problem

A NEWCOMER has been added to the already long list of diseases people get from animals. The new addition is vesicular stomatitis, a virus infection that causes fever and painful blister-like lesions in the mouth of cattle and horses. It closely resembles the dreaded foot-and-mouth disease but is not as serious from an economic standpoint.

Headache, muscular pain, chills and fever are the principal symptoms in human beings. Direct contact with infected animals is believed to have caused the human cases thus far observed, although veterinarians think that mosquitoes also may have something to do with spreading the disease.

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EAS & SEE WESTERN
CATTLE RAISERS
PORTED

Keep
Thrift Losses
Down!



HG PROUD

Our Champion

This four-time champion is 'WHR Princeps Mixer. He has won many titles and has proven himself by his sons and daughters in the world by outstanding Hereford Breeders at the Fort Worth Show.

Selling at
FORT WORTH

- ★ One Top Bull
- ★ One Top Heifer

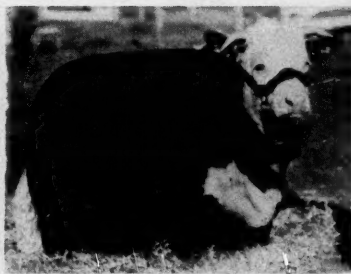
LOTS of BULLS
HERD BULLS AND TOP
RANGE BULLS FEMALES, TOO

SOUTHWESTERN HEREFORD SALE
JANUARY 29th

Buy the Best... at Your Price



• Mixer Royal B 54th—a top summer yearling prospect by the "673d" and out of a daughter of WHR Royal Domino 51st. Be sure to look over this light colored, heavy boned prospect.



• Ladymix B 56th, a truly outstanding junior yearling heifer by the "673d" and out of a granddaughter of WHR Royal Domino 51st. She sells bred, and will calve in June, to our young junior herd sire, Larry Mixer Domino 20th—he by the great Bridwell sire Larry Mixer Domino.

ing in the Mid-Texas Hereford Sale • Stephenville, Texas, January 7

Two Bulls—one top summer yearling by the "673d"
and junior yearling by Expectation 1st

DARRET
Hereford Ranch
COMANCHE, TEXAS
100 Miles SW of Fort Worth on Highway U.S. 67

W. B.
W. J.
D. K.

Livestock Judging Program

Houston Fat Stock Show and Livestock Exposition

January 29 - February 10

TUESDAY, JANUARY 29

8:00 a. m.—Judging Breeding Swine.
9:00 a. m.—Sifting of Steers, Lambs, Fat Swine, Turkeys, and Chickens.

WEDNESDAY, JANUARY 30

7:00 a. m.—Judging Steers—Coliseum Arena (to be recessed at 1:00 p. m., and to be resumed 7:00 a. m., Thursday, January 31.
Herefords—Boys' Classes.
Shorthorns—Boys' Classes.
Aberdeen-Angus—Boys' Classes.
Brahman—Boys' Classes.
8:00 a. m.—Judging Boys' Fat Lambs—Sheep Judging Arena.
8:00 a. m.—Judging Boys' Fat Swine—Boys' Fat Swine Judging Arena.
8:00 a. m.—Judging Open Class Fat Swine—Open Class Swine Arena.
8:00 a. m.—Judging Fat Chickens.
8:00 a. m.—Judging Fat Turkeys.
8:00 a. m.—Opening Day Parade.
2:00 p. m.—World's Championship Rodeo.
2:00 p. m.—Judging Open Class Fat Lambs—Sheep Judging Arena.
2:00 p. m.—Judging Negro Boys' Fat Swine—Open Class Fat Swine Judging Arena.
8:00 p. m.—World's Championship Rodeo.

THURSDAY, JANUARY 31

7:00 a. m.—Judging Open Class Steers—Coliseum Arena.
8:00 a. m.—Judging Jersey Classes, Junior Dairy Show—Coliseum Arena.
10:00 a. m.—Auction Sale—Fat Lambs, Open Class and Club Boys—Sheep Judging Arena.
1:00 p. m.—Judging Guernsey Classes, Junior Dairy Show—Coliseum Arena.
1:00 p. m.—Auction Sale—Club Boys and Open Class Fat Swine—Boys' Swine Judging Arena.
4:00 p. m.—Auction Sale—Negro Boys' Pigs—Boys' Swine Judging Arena.

8:00 p. m.—World's Championship Rodeo and Horse Show.
9:00 p. m.—Awarding Grand Champion Steer—Rodeo Arena.

FRIDAY, FEBRUARY 1

9:00 a. m.—Steer Auction Sale—Coliseum Arena.
8:00 p. m.—World's Championship Rodeo and Horse Show.

SATURDAY, FEBRUARY 2

8:00 a. m.—4-H and F.F.A. Grass Judging Contest.
9:00 a. m.—Auction Sale, Fat Poultry—Lower Coliseum Annex.
10:00 a. m.—World's Championship Rodeo and Horse Show.
2:00 p. m.—World's Championship Rodeo and Horse Show.
3:00 p. m.—Award Grass Judging Contest Awards—Rodeo Arena.
8:00 p. m.—World's Championship Rodeo and Horse Show.

SUNDAY, FEBRUARY 3

2:00 p. m.—World's Championship Rodeo and Horse Show.
8:00 p. m.—World's Championship Rodeo and Horse Show.

MONDAY, FEBRUARY 4

8:00 a. m.—Hereford, Angus, Shorthorn, Brahman, and Jersey Cattle and Breeding Sheep Move In.
8:00 p. m.—World's Championship Rodeo and Horse Show.

**75th Annual Convention
TEXAS AND SOUTHWESTERN
CATTLE RAISERS ASS'N
Fort Worth, Texas, March 17-19, 1952**

TUESDAY, FEBRUARY 5

8:00 a. m.—Breeding Chickens, Market Rabbits and Breeding Rabbits Move In.
8:00 a. m.—Judging Dairy Cattle—Jerseys.
8:00 p. m.—World's Championship Rodeo and Horse Show.

WEDNESDAY, FEBRUARY 6

8:00 a. m.—Judging Breeding Beef Cattle—Herefords.
8:00 a. m.—Judging Breeding Beef Cattle—Aberdeen-Angus.
8:00 a. m.—Judging Breeding Sheep.
8:00 a. m.—Judging Market Rabbits.
8:00 p. m.—World's Championship Rodeo and Horse Show.

THURSDAY, FEBRUARY 7

8:00 a. m.—Judging Breeding Beef Cattle—Brahman (Recessed 1:00 p. m. Resumed 8:00 a. m. Friday).
8:00 a. m.—Judging Breeding Sheep—(Continued).
8:00 a. m.—Judging Breeding Rabbits.
8:00 p. m.—World's Championship Rodeo and Horse Show.

FRIDAY, FEBRUARY 8

8:00 a. m.—Judging Brahman Cattle—(Continued).
8:00 a. m.—Judging Shorthorn Cattle.
8:00 a. m.—Judging Breeding Poultry.
9:00 a. m.—Auction Sale—Market Rabbits.
2:00 p. m.—Auction Sale—Brahman Cattle (Sponsored by Texas Area II of the American Brahman Breeders' Association.)
8:00 p. m.—World's Championship Rodeo and Horse Show.

SATURDAY, FEBRUARY 9

7:00 a. m.—Junior Dairy Judging Contest—Coliseum Arena.
10:00 a. m.—World's Championship Rodeo and Horse Show.
2:00 p. m.—World's Championship Rodeo and Horse Show.
3:00 p. m.—Presentation of Junior Dairy Judging Contest Awards.
8:00 p. m.—World's Championship Rodeo and Horse Show.

SUNDAY, FEBRUARY 10

2:00 p. m.—World's Championship Rodeo and Horse Show.
8:00 p. m.—World's Championship Rodeo and Horse Show.
8:00 p. m.—Release Breeding Beef Cattle, Dairy Cattle, Breeding Rabbits, Horses and Breeding Poultry.



SELLING at FORT WORTH

★ TWO BULLS

★ THREE FEMALES

Pictured:

CK CREATOR 13th

1948 Denver Champion. Two sons
—two daughters and one heifer
bred to him sell at Fort Worth.

LOTS of BULLS
HERD BULLS AND TOP FEMALES TOO!
RANGE BULLS
AMERICA'S FASTEST GROWING BULL MARKET
SOUTHWESTERN HEREFORD SALE
JANUARY 29th
Buy the Best at Your Price

OUR OFFERING:

DHF Creator 31st—a two-year-old bull—good show record, also a proven sire.
DHF Creator 35th—a senior yearling bull—a good yellow, well-fleshed bull.
CH Helmsman Lad—a junior yearling bull—big bone, rugged bull.
Noe's Princess 1st—senior yearling heifer—bred to CK Creator 13th,

the 1948 Denver Champion—she is a thick, deep, well-balanced heifer.
DHF Miss Creator 38th—a junior Yearling Heifer—Bred to WHR Helmsman 20th (the \$50,000 bull Mr. Kroger bought). She is a yellow, thick heifer.
DHF Miss Creator 44th—a junior yearling heifer—bred to WHR Helmsman 20th. She is a thick, deep, medium-colored heifer.

We are showing 13 head of cattle at the Fort Worth Show. We invite you to visit our stalls and see our offering—all from our show herd that stood up well at major shows this fall.

DAWN HILL FARMS SILOAM SPRINGS, ARKANSAS

F. W. DYE, Owner • DAVIE CARTER, Manager

This outstanding herd bull prospect SELLS at FORT WORTH



★ FHR BACA MIXER 3d 6602213



FHR BACA MIXER 3d 6602213

Calved Oct. 14, 1950

FHR Baca Duke
6257760

Baca Duke 6th
4412614
Miss B. Dom. 1191st
4402516
Proud Mixer WHR 63d
4467979
Miss Proud Mixer 564th
4396136

FHR Lady Mixer 4th
5522699

Baca R. Domino 33d
Lady Domino 306th
Blocky Superior
Miss Diamond 50th
WHR Proud Mix. 21st
Miss Pub. Dom. 63d
WHR Proud Mix. 21st
Delaware Lass 6th

Note that he is a grandson of the "33rd" and a double-bred grandson of the "21st" on his dam side. Here is a truly top herd bull prospect that combines exceptional individuality with a wealth of great breeding. If you are looking for a bull that promises to be a great breeding bull . . . see this one at Fort Worth!

FULWILER HEREFORD RANCH

ABILENE,
TEXAS

Houston Looking Forward to Greatest Livestock Exposition

EIGHTEEN new herds of breeding stock never before exhibited in Houston have been entered in the 1952 Houston Fat Stock Show, January 30 through February 10, by breeders from across the nation.

Though the final tally of entries is not complete, some 700 head of breeding stock entered by breeders from 13 states have been counted, John S. Kuykendall, livestock manager, said.

"We are proud of the fact that many famous show herds will be exhibited," said Mr. Kuykendall. "Entries of new blood from top herds indicate that the 1952 show will exhibit the finest quality breeding stock in the twenty-year history of the Houston Exposition."

Show herds noted in the preliminary count include the Hereford herd of J. Garrett Tolan, Pleasant Plains, Illinois, and the Aberdeen-Angus herd from Red Oak Farms, Rocky Comfort, Missouri.

In releasing early figures on breeding stock entries, Kuykendall pointed out that the show will be exceptionally well balanced, with no more than 10 or 15 head variance between three of the major beef breeds.

Already tallied are: 25 herds of about 190 head of Herefords, seven of which have never been exhibited in Houston before; 22 herds of about 200 head of Aberdeen-Angus, also including seven new exhibitors; and 30 herds of about

200 head of Brahman. Shorthorn breeders have entered about 40 head.

A preliminary count of exhibition cattle shows 45 head of Charollais and Charbrays and eight head of Brahorns.

Record entries have also been received in other divisions. Preliminary totals show about 700 fat steers, 500 fat lambs, 453 fat pigs, 225 breeding sheep, 100 jerseys, and 175 heifers in the junior dairy show.

The 1952 Houston Fat Stock Show and Rodeo opens for a twelve-day run on January 30, with 19 rodeo performances starring Roy Rogers, King of the Cowboys.

At the close of the show on February 10, an estimated \$110,000 in premium moneys, special awards and contest prizes will have been awarded; a rodeo queen will have been crowned; 200 Texas boys will have taken home beef or dairy calves won in the million dollar calf scramble; and South Texans will have seen a great show.

For months past, Sam Houston Coliseum has been a beehive of activity, as workmen have constructed improved facilities for cattle, sheep and swine and have put in shape all facilities to accommodate capacity entries in all divisions for this year's show.

A center for international guests has been established, and the International Committee has extended special invita-

tions to agricultural and livestock leaders throughout Mexico, Cuba, and Central and South America.

A panel of 18 judges from eight states of the nation will pick the champions in the 1952 show. Texas will be represented with seven men, with other judges coming from Oklahoma, New Mexico, Kansas, Missouri, Illinois, Iowa, and Ohio.

"In our selection of judges we think we have succeeded in getting the most competent men of the nation for the job, and we feel certain they will have the wholehearted approval of our 1952 exhibitors," said Ralph A. Johnston, president.

Premium cash awards for the 1952 livestock show will total \$43,007 for winners in the livestock department, exclusive of the calf scramble awards, said John Kuykendall, livestock manager. Premium moneys will be awarded in the different departments as follows: Herefords, \$7,580, with the American Hereford Association providing 50 per cent of the premiums; Shorthorns, \$2,585, with the American Shorthorn Breeders' Association providing one-third of the premiums; Brahman, \$3,740, with the American Brahman Breeders Association providing one-half of the premiums; and Aberdeen-Angus, \$8,325, with the American Aberdeen-Angus Breeders Association providing one-half of the premiums.

Other awards include: Open Class Fat Steers, \$3,531; Jersey Breeding Cattle, \$2,666; Breeding Swine, \$900; Open Class Fat Swine, \$846; Breeding Sheep, \$3,570; and Open Class Fat Sheep, \$352.

The boys' livestock show premiums have been appropriated as follows: Boys' Fat Steer Show, \$3,171; Junior Dairy Show, \$2,000; Boys' Pig Show, \$2,172;

We will exhibit ONE CARLOAD of SENIOR BULL CALVES at Fort Worth



12 are by MW Larry Domino 31st, our chief herd sire—he by the "50th." Two are by our junior herd sire, Circle H Super Larry, he by Larry Domino H 13th—he by the "50th," and one by Larry Domino H 25th, he by the "50th."

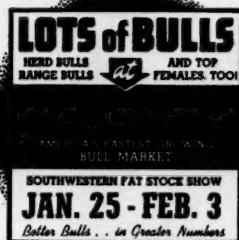
SEE THESE BULLS!

They and 25 others will be in our sale.

SALE, MARCH 10, 1952
SELLING 40 BULLS, 15 FEMALES

CIRCLE H RANCH WINONA MISS.

GEORGE HARRIS, Owner



Our Larry Dominos have gone into many top herds and have done exceptionally well for them and we feel we have selected a very outstanding offering for you this year.

Boys' Lamb Show, \$952; and Negro Boys' Pig Show, \$597.

Fat and market animals will be exhibited January 30 through February 3. On February 4, breeding animals will move into the coliseum for the remainder of the show.

This year's steer auction should be the greatest ever held at the Houston show. Due to the fact that fewer animals will be sold, prices are expected to far exceed record-smashing prices of former years. Past custom has been to auction all steers that competed in the show. At the 1952 auction, only those steers that have been awarded a prize ribbon in the regular classes will be eligible to sell in the Fat Steer Auction.

The Fat Steer Auction always brings spirited bidding. Last year Glenn McCarthy, Houston hotel owner and oilman, purchased the 795-pound champion steer, "Triumph's Ace," which was raised by Louis Reyes, 15-year-old San Antonio 4-H Club youth. McCarthy's winning bid of \$17,880 set the world record high for an individual buyer.

Two special sales of purebred animals are also scheduled during the show. On February 7, the Texas Aberdeen-Angus Association will hold a sale of Aberdeen-Angus, and on February 8, the Texas Area II American Brahman Breeders Association will hold a sale of registered Brahmans.

Brahman breeders will be particularly active during the Houston show. The annual membership meeting and banquet of the ABBA will be held on February 7th. Again this year, the Asociación Rural de Paraguay will present its handsome gold Paraguayan Trophy to the winner of the Brahman "Get of Sire" Class.

The popular Calf Scramble, introduced at the Houston Fat Stock Show in 1942, is one of the most colorful spectacles of the rodeo. Ten calves are turned into one end of the arena, and twenty boys, carrying rope halters, are lined up at the other. The first ten boys to catch, halter and bring calves across the starting line are awarded either beef or dairy calves.

The dual-purpose Calf Scramble was instituted to provide hundreds of Texas boys and girls with opportunities to become livestock and dairy producers, and to encourage progress in these industries.

Calves for the Scramble are purchased by Houston businessmen, who this year paid out \$32,500 for 200 animals. Boys winning beef calves must fatten the animals and bring them back to compete in the next year's show. Those winning dairy calves are required to bring the heifers back to the show bred the following year, and to bring them back with calves at side the second year.

Over a nine year period, Calf Scramble contests at the Houston Fat Stock Show have put in excess of a million dollars in cash and livestock into the hands of 4-H and Future Farmer boys in Texas. Included in this figure is approximately \$19,500 given away in scholarships.

Breeding poultry, junior market poultry, including capons, fryers, and fat turkeys will compete for \$1,873 in cash prizes. Entries in the Junior Market Poultry Show and Junior and Senior divisions of the Market Turkey show will be exhibited January 30 through February 3. Breeding poultry will be exhibited February 5 through February 10.

The auction of fat poultry will be held at 9:00 A. M., February 2. Fat poultry auction sales originated at the Houston Fat Stock Show in 1939. Last year, Doug Prince, Houston restaurant man, paid

Our Fort Worth Offering:



Publican Mixer 405th sells.

★ We will sell at Fort Worth

Three sons and one daughter of HG Real Mixer 1st—our outstanding breeding son of WHR Proud Mixer 21st—all are from our show herd.

The offering:

- PUBLICAN MIXER 405th (pictured)—outstanding junior bull calf by HG Real Mixer 1st. This top prospect sells at Fort Worth.
- HG MIXER GWEN 188th—many top judges say this son of "Mixer" is a truly top herd bull prospect—he is a late summer yearling and out of a top Beau Gwen cow.

●CL REAL MIXER D. 221st—a senior bull calf by "Mixer" and out of a Champion Domino 36th cow.

●MISS CL MIXER 203rd—a top senior heifer calf by "Mixer" would make a real addition to any outstanding herd.

CEDAR LEDGE STOCK FARM

Mrs. Rupert Harkrider, Owner • ABILENE, TEXAS



OUR HERD SIRE IS

PROUD MIXER'S HEIR

We are building our herd around this grandson of the great
WHR Proud Mixer 21st



VISITORS WELCOME

BLOCKED L RANCH

BRYSON, TEXAS

L. O. MOORE and W. G. STAMPER, Owners

GO SOUTH, YOUNG MAN

... if you're looking for a grass wonderland where there's a hungry demand for more and better livestock. Keep in touch with this buyer market through weekly editions of *Livestock Weekly*. Write for free sample copy care of Box 4248-C, Memphis 1, Tenn.

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\$4.50 three years, 7.50 five years

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P. O. Box 790

Tucson, Ariz.

Thanks

Thanks to the following buyers of our cattle in 1951. We extend all of our friends best wishes for a happy and prosperous 1952.

| | | | |
|------------------------|---------------------|--------------------|-------------------|
| E. E. Lucas | Arlington, Texas | Eugene W. Jones | Christoval, Texas |
| Cattle Development Co. | Dallas, Texas | Wiley T. McClatchy | Bangs, Texas |
| Floyd Harris | Fort Worth, Texas | Leon M. Bandy | Fort Worth, Texas |
| W. D. Perdue | Pottersboro, Texas | James E. Kemp | Dallas, Texas |
| J. E. Waggoner Estate | Decatur, Texas | Dewey Ross | Fort Worth, Texas |
| T. H. Seymour | Fulton, Arkansas | Melvin P. Jones | Denison, Texas |
| Ralph McClure | Nashville, Arkansas | A. F. Dye | Arlington, Texas |
| John Spence | Winchell, Texas | Bill Burke | Arlington, Texas |
| I. B. Chapman | Valley Mills, Texas | | |

FOR SALE at the farm

- We now are pleased to offer for sale 14 bulls old enough for light service. They are short two-year-olds in extra good shape.
- 20 range bulls 9 and 10 months old, priced to sell.
- Three real herd sire prospects (seven-months-old) that we believe will do some registered herd a lot of good.

These bulls are from dams that give plenty of milk. They have bone, scale, and growthiness coupled with thick fleshing qualities. They are rugged, practical, good-doing kind of Herefords and we guarantee everyone to be a breeder.

VISITORS WELCOME

BURSEY'S HEREFORD FARM NO. 1

DR. E. H. BURSEY, Owner

Phone Fort Worth VA 11ey-6773

Address correspondence to Fred Bursey, Manager, Route 1, Smithfield, Texas

Farm Located 6 Miles Northeast of Fort Worth, Texas,

2 Miles South of Keller on Denton Hy., U. S. 377



KANSAS RANGE BULL SALE

Dodge City, Kansas

FEBRUARY 4th

375 HEAD

All Serviceable Age—most of them will be sold in Pans of 3 and 5. 250 will be 2 years old in spring.

Write for Catalog

Kansas Hereford Assn.

STATE FAIR GROUNDS
HUTCHINSON, KANSAS

\$1,400 for the Champion Capon, which was exhibited by Jimmie Starnater, Austin F. F. A. youth.

In the Rabbit Show, Junior Market Rabbits and Breeding Rabbits, including fur classes, will compete for \$1,000 in premium moneys plus an additional \$400 in prizes offered by rabbit clubs and rabbit enthusiasts.

Fat rabbits will be exhibited February 5 through 8. The Junior Market Rabbit Auction Sale will be held February 8. Last year, Archer Romero, Archer Grain Company, Houston, paid eleven-year-old Marilyn Eure \$800 for her Grand Champion entry.

Breeding rabbits will be exhibited February 5 through 10. A special feature of this year's exposition will be Sweepstake Shows for the following breeds: Checkered Giant, New Zealand, Dutch, Silver Marten, Champagne D'Argent, and Californians.

King of the Cowboys, Roy Rogers, will make his only 1952 rodeo appearance at the Houston Fat Stock Show. Beautiful Dale Evans, Queen of the West, will appear with her husband, along with Comedian Pat Brady and the Whippoorwills, vocal and instrumental accompanists for Roy and Dale. Roy will stage his "Liberty Act," put on by eight Palomino horses, and of course, he'll be astride his famous movie horse, Trigger.

A lucky Texas cowgirl will be presented a Ford convertible coupe. The lass who is crowned Queen of the 1952 Rodeo will ride from the arena on closing night in a brand new convertible awarded by Earl McMillian of Houston.

Candidates for "Queen of the Rodeo" may be single or married, must be between the ages of 16 and 26, must appear in western costume, and must furnish their own horses to ride in the contest.

Everett Colborn of Dublin, Texas, producer of the Madison Square Garden Rodeo, will again produce the Houston Rodeo.

The Rodeo will play 19 performances: 12 nightly, matinees opening day and Saturdays and Sundays, and two special Saturday morning shows for children.

General Manager Herman Engel says that advance ticket sales for the rodeo have been exceptionally heavy this year. Reserved seats are \$3.60, \$3.00, and \$2.40. Tickets may be obtained by writing Houston Fat Stock Show, P. O. Box 2371, Houston 1, Texas.

Disinfectants and Livestock Disease Germs

GOOD disinfectants, properly used after thorough cleaning and washing of barns, will kill many of the germs that cause livestock diseases, but no disinfectant will persist on barn surfaces long enough to destroy all germs that find their way in later.

Pointing to that fact, the American Veterinary Medical Association says many farmers have the mistaken idea that frequent disinfection is a perfect safeguard against disease. Although disinfectants serve a valuable purpose in barn sanitation, they cannot be expected to do the whole job of disease prevention, the AVMA explains.

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TEXAS & SOUTHWESTERN
CATTLE RAISERS
POSTED

Keep
Thrift Losses
Down!

DENVER
AT NATIONAL WESTERN *Hereford Jale* **SELECT** **TR** **HEREFORDS**
JAN. 14, 15

NATURAL FLESHING QUALITY!



TR ZATO HEIR 40th
 Our senior yearling show bull and feel he is one of top prospects we have ever sold.



TR ZATO HEIR 86th
 Senior bull from our show herd—has lots of bone and a top young bull.



TR ZATO HEIR 70th
 Sells bred to Hillcrest Larry 4th.

★ **Offering 2 Bulls and
 One Heifer . . . all by
 TR ZATO HEIR**

Here is a trio of truly top Herefords . . . outstanding individuals featuring TR Natural Fleshing Quality. The two bulls are great prospects! The heifer will fit in any top breeding herd. We invite you to look them over carefully. We believe you will like them.

NATURAL
Fleshing Quality
HEREFORDS



ENTRANCE TO RANCH - 7 MILES EAST AND 1 MILE NORTH OF SULPHUR - STATE HWYS 7 & 12

TURNER RANCH - SULPHUR, OKLAHOMA

Roy J. Turner • Jim McClelland • Roland Jack • John Blenkin • Tom Harris, Show Cattle

Consigning to



JH LARRY DOMINO 6th

(top)

Outstanding prospect by JH Larry Domino 44th. He is a junior yearling.



MISS LARETTE 4th

(bottom)

An outstanding junior yearling that was third in her class in the 1951 Fort Worth Show. She is by JH Larry Domino 44th and both of these are a half brother and half sister to Miss Larette that was champion at the top shows last year and sold to Nance Hereford Ranch for \$11,000.

Hering's Hardy Herefords

JIM HERING **MCGREGOR, TEXAS**

HIX MIXERS

FOUNDED ON THE BLOOD OF
WHR PROUD MIXER 21

**Sires in
Service**

PROUD MIXER 21st WHR (Son of WHR Proud Mixer 21st)
HG PROUD MIXER 1086 (Son of WHR Proud Mixer 21st)
HG PROUD MIXER 1031 (Son of HG Proud Mixer 579th)
HIX PROUD MIXER 112 (Son of HG Proud Mixer 579th)

FOR SALE

NOW! . . . 20 Hix Mixer Bulls, grandsons of WHR Proud Mixer 21st.
9 to 12 months old. Priced from \$300 to \$500.
Look at all the Mixers. Then you will buy HIX MIXERS at a Saving.

HIX *visitors always welcome*
HEREFORD RANCH
Gatesville Texas W. I. Hix, Owner

Ranch and Stock Farm Loans

in WEST TEXAS, NEW MEXICO & OKLAHOMA
Annual interest as low as 4%—10 to 20 years
Liberal Pay-off Privileges
Refinance while interest is so low.

Southern States Loan Company

CHAS. M. HOLT, Pres. AMARILLO, TEXAS

CHAS. MOORHOUSE COM. CO.

BUYS AND SELLS

CATTLE AND LAND

ON COMMISSION

Stocker and Feeder Cattle Our Specialty

Seymour, Texas - - - - - Phone 127
Benjamin, Texas - - - - - Phone 34

Plans for Two-Temperature Walk-in Farm Refrigerator

FARMERS who want to build their own on-farm refrigeration systems may now get plans for a two-temperature, walk-in refrigerator developed by the U. S. Department of Agriculture, the result of cooperative work by the Bureau of Human Nutrition and Home Economics and the Bureau of Plant Industry, Soils, and Agricultural Engineering.

Research to develop an efficient and convenient all-purpose farm refrigerator was begun following a survey of 160 home-built, walk-in, two-temperature installations in use on farms. Although the families considered their refrigerators assets, many found them inadequate. In general, systems in use were not designed to meet the farmers' needs. No established design was followed either in construction of the refrigerators or in the refrigeration systems. Many were found to be improperly constructed or poorly insulated, providing inefficient refrigeration. Others were too small, poorly arranged, or inconveniently located.

The new refrigerator-freezer has been designed by the department's refrigeration specialists after months of research with experimental units installed at the Agricultural Research Center at Beltsville, Maryland. The refrigerator freezer is planned so that it may be constructed by the farmer himself, either inside another building or as a separate structure. The department recommends that technical help from a refrigerator service man be obtained to install the refrigeration equipment.

Cost of construction, figured in one locality at late 1950 prices, is approximately \$1,200, divided about equally between building materials and refrigeration equipment. The refrigerator, operating in a surrounding temperature of 70°F., will use approximately 200 kilowatt-hours of electrical energy per month.

The entire unit, as planned, measures eight feet, eight inches in width, ten feet, seven inches in length and eight feet in height. The plans provide for a chill room (approximately 250 cu. ft.) in which to chill and store farm products, and a freezer room (approximately 100 cu. ft.). The chill room will cool one beef, or one large hog, or 600 pounds of other produce at a time. The freezer room will freeze 100 pounds a day.

The chill room includes a meat rail from which sides or quarters of beef, pork or lamb can be hung, and removable shelves, which offer convenient vertical storage, line one wall. These shelves can be taken out when fruits and vegetables in bulkier boxes or sacks are being pre-cooled for market.

Working drawings (Plan No. 7102) for the two-temperature walk-in-refrigerator for the farm may be obtained through the extension agricultural engineer at many of the State agricultural colleges. A nominal charge to cover printing and mailing usually is made. If the extension engineer cannot furnish the plan, address inquiries to the U. S. Department of Agriculture, Division of Farm Buildings and Rural Housing, Beltsville, Md. The Department does not furnish plans directly but will refer inquiries to the nearest State handling the requested plans.

Dry, well-bedded quarters are essential to the prevention of calf pneumonia.

The Cattleman—Subscription rates: One Year, \$2; three years, \$5; five years, \$8; foreign, one year, \$4.

Fit them into your picture- for 1952

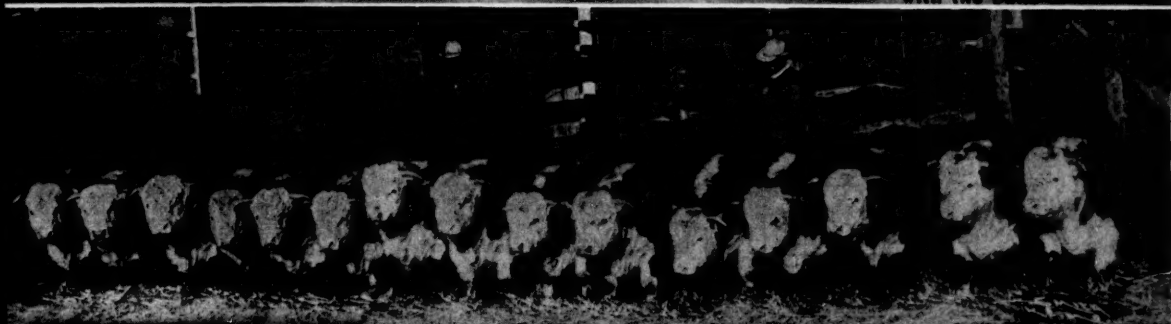
Here you are folks -
this is the carload of
Senior Bull Calves
headed for the Denver Show
January 11 - 17

Every one
a Herd Bull
prospect

It takes individual excellence like this
to make carload supremacy
as good as we have ever had at Denver
WHR bulls were CHAMPIONS 19 times.

Wyoming Hereford Ranch
Cheyenne

See Eldon Bull
with the bulls



"No Risk Herefords" to Denver



Selling a very good load of yearling bulls, half brothers to the sixth place load of yearling bulls in 1951 — we sincerely invite your inspection in January, 1952. There are Herd Bull prospects in this load.

Selling on the Hill

One Senior Yearling Heifer—She is a double bred granddaughter of WHR Elation 3rd and carrying the services of WHR Helmsman 135th, top selling bull in the WHR 1949 sale.

One Senior Yearling Bull—A grandson of the Louisiana State College great Royal Essar 8th and out of a WHR Royal Duke 33rd cow.

One Summer Yearling Bull—By MW Larry Domino 46th and out of a Chief Domino Cow.

See you in Denver

T. L. WELSH, Owner, Abilene, Kansas

G. W. THOMPSON, Manager

Our First Offering at the National Western Hereford Sale DENVER, COLORADO, IN JANUARY

We are offering four bulls. Two of them are by our herd sire, CR Baca Duke No. 5785699. We are not going to use a lot of space trying to tell you how good they are. We want you to see them and you be the judge.

(Register of Merit Breeding)

CRAVENS RANCH

OKLAHOMA CITY, OKLAHOMA

Location: 6 miles north of Wiley Post Airport on May Avenue

Business Office: 704 Petroleum Building, Oklahoma City

R. D. CRAVENS

PAUL STIDHAM

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Always ready to make sound livestock loans.

THE
VICTORIA NATIONAL BANK
VICTORIA, TEXAS

Shorthorn Bull Calves FOR SALE

We are offering for Sale now, choice bull calves for sale at weaning time. Place your order now for future delivery.
W. E. and R. H. PETERSON, Justin, Texas

Texas Polled Hereford News

By HENRY FUSSELL, Secretary
Texas Polled Hereford Association

THE Fort Worth Polled Hereford show and sale is coming along in fine order. A recent check with W. A. (Bill) King, assistant manager, Southwestern Exposition and Fat Stock Show, indicates there will be as many and probably more cattle entered in the show than there were last year.

The Fort Worth sale will not be overloaded but there is a consignment of approximately forty-five head of good quality Polled Herefords consigned by the leading breeders of the Southwest, and a good sale is in prospect.

We would like to again remind you that the annual meeting of the Texas Polled Hereford Association will be held at the Worth Hotel, Tuesday evening, January 29, 7:00 p. m. Every Polled Hereford breeder is urged to attend this very important meeting where the business of your Association is conducted, election of officers and all general business of the Association. Will be looking for you there.

The San Antonio Polled Hereford show and first annual sale will be held there February 19 and 20. Showing of Polled Herefords will be on Tuesday, February 19, and the sale at 1:30 p. m. February 20. Entries for the San Antonio sale have already started coming in and by closing date we expect to have a good offering of Polled Herefords at San Antonio. We will tell you more about San Antonio in the February issue.

On December 10, we attended the Anxiety Hereford Breeders sale at Amarillo, Texas. The Anxiety Fourth breeders are doing a very constructive job of breeding and promoting their cattle. We are particularly interested in this movement, for the reason that observation indicates that every Polled Hereford breeder that we know of who has used Anxiety Fourth cattle as a foundation appears to have made the most constructive progress in his breeding program. The highest commendations should go to those Anxiety Fourth breeders who are keeping that fine seed stock pure.

R. R. Woodward of Sabinal, Texas, Polled Hereford breeder, is a new papa, but we have not heard the details as to whether or not it is a boy or a girl, but we will endeavor to find out and let you know. Congratulations to both mother and father.

We have an announcement of the formation of the Northeast Texas Hereford Breeders Association, which will hold a



Big Spring Return, grand champion steer Eastern National Livestock Show held at Timonium, Maryland, owned by Edgar Allen Phillip, Big Spring, Texas.



CK IS DENVER-FORT WORTH BOUND

with CARLOADS of QUALITY

The CK 1951 carload (pictured above) was Champion carload of the Denver Show. This year we will exhibit and sell two carloads of bulls in Denver. Look over the CK carloads. See if you don't think they are tops. There are herd bull prospects in these carloads by outstanding CK herd sires including CK Cruiser D. 34th, CK Cascade, CK Crusty 9th, CK Crusty 19th, Publican Domino 170th.

DENVER
Jan. 14, 15



He Sells at Denver

CK CRUSTY 46th

Champion Bull at:

AMERICAN ROYAL, Kansas City, Mo.
PAN-AMERICAN SHOW, Dallas, Texas
TRI-STATE FAIR, Iowa Park, Texas
KANSAS STATE FAIR, Hutchinson, Kan.

Eight other CK Show Herd

Members Sell at Denver:

CK Crusty 67th, WHR Royal Princeps 3d, CK Crusty-nineteen 7th, CK Publican 46th, CK Kristine 84th, CK Princeton 2d, CK Crusty 107th, CK Patsy 2d.

SINCE our February sale has been cancelled we are selling these nine outstanding show cattle at Denver. Never before has a bull with a record such as CK Crusty 46th has made been offered at auction. His full brother, CK Crusty 11th, was Champion Bull of Denver in 1950. We retained the 11th as a herd sire. In addition we have two other full brothers developing in our show herd.

FORT WORTH
Jan 25, Feb. 3

We will show and sell a PEN of 5 and a carload of calves at Fort Worth this year. Last year CK Calves were the champion carload of the show.

| | | |
|---------------------------------|---------------------------------|--------------------------------------|
| CK Cruiser D. 34th 4817172 | CK Challenger D 19th 3190909 | CK Onward Domino 19th 3190909 |
| | Rita Blanchard 2564280 | Real Blanchard Rita Domino |
| Colorado Lassie 66th 4098291 | Adv. A. Jr. Domino 3506307 | Adv. A. Domino Miss Jr. Dom. 18th |
| | Mary Domino 5th 3307420 | Domino Lad 19th Colo. Lassie 27th |

AT THE RANCH

We have a large selection of range bulls for sale. We also have a few top herd bull prospects and some outstanding bull calves offered for sale.

CK RANCH

CK RANCH

BROOKVILLE, KANSAS

RANGE BULLS FOR SALE

We now have for sale at the ranch, 42 head of coming two-year-old Range Bulls—WHR Bloodlines. They are rugged bulls that should suit any commercial range man.

Always some top herd bull prospects to show you.

DENVER SHOW VISITORS

We will be glad to show these bulls during the Denver show. Visit our stalls and we will take you out to the ranch, show them to you and return you to the grounds.



*See these bulls at our 2 Bar 2 ranch, just four miles southeast of
Denver on State Highway 83.*

PAINTER HEREFORDS

DENVER • COLORADO • ROGGEN

LARRY A. MILLER, Manager

Address: Rooms 6 and 7 - 1834 Curtis St. - Denver, Colo. - Phone CHerry 7202

Paint a brighter future with Modern Painter Herefords



KANSAS RANGE BULL SALE

Dodge City, Kansas

FEBRUARY 4th

375 HEAD

All Serviceable Age—most of them will be sold in
Pens of 3 and 5. 250 will be 2 years old in spring.

Write for Catalog

Kansas Hereford Assn.

STATE FAIR GROUNDS
HUTCHINSON, KANSAS

show and sale come next March 15, 1952. This association is composed of both horned and Polled Hereford breeders, with the Polled breeders being about 60 per cent. The rules and regulations as set out in their announcement indicates the Association intends to put on a good show and a top offering of well fitted cattle. We wish them the greatest success in their endeavor.

We have been having a little difficulty in getting the Marshall, Texas, Polled Hereford Show and Sale dates set on account of conflicts with other sales, but hope to have the matter settled definitely within the next few days, and will let you know when the dates are set finally. From all indications we will have approximately one hundred head of sale cattle in the Marshall sale come next March.

Will be looking for you at Fort Worth in January, San Antonio in February and Marshall in March.

Dr. Gustav Bohstedt Honored

DR. GUSTAV BOHSTEDT, chairman of the animal husbandry department, University of Wisconsin, was the honor guest of this year's American Society of Animal Production meeting in Chicago. By virtue of his leadership in animal husbandry, and especially because of his research in the field of animal nutrition, the portrait of the Wisconsin man was presented to the Saddle and Sirloin Club at the Union Stock Yards, Chicago, to be hung in its famous portrait gallery of livestock and agricultural leaders.

The presentation was made at the annual society dinner Sunday, Nov. 25, by Dr. E. W. Crampton, MacDonald College, Canada, the retiring president of the organization. It was accepted for the club by E. N. Wentworth.

As master of ceremonies for the occasion, Prof. A. E. Darlow, Oklahoma A. & M. College, introduced the following speakers who paid tribute to the achievements of Dr. Bohstedt along various lines: Dr. R. M. Bethke, St. Louis, Mo.; Prof. C. F. Huffman, Michigan State College; Arlie Mucks, University of Wisconsin; Roger Biddick, Wisconsin farmer, and Prof. F. B. Morrison, Cornell University, Ithaca, N. Y.

Land of Our Fathers

THE American National Cattlemen's Association has released a new motion picture entitled, "Land of Our Fathers." The picture which will be shown throughout the country as a public service, is in sound and color and was made in the interest of conservation of natural resources. The filming of the picture was done in 16 states and involved more than a year's time and 15,000 miles of travel by the camera men. Distribution will be made out of the Association's public relations office which is in Sheridan, Wyoming.

The American National Cattlemen's Association which is the parent organization of the cattlemen, is supported by a large membership and by 22 affiliated state livestock associations representing the states of Alabama, Arizona, California, Colorado, Florida, Georgia, Idaho, Kansas, Louisiana, Mississippi, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington and Wyoming.



U ROYAL MIXER 5th

WE ARE SELLING TWO TOP PROSPECTS★

DENVER

NATIONAL WESTERN

Hereford Sale

JAN. 14, 15

★ JJ PUBLICAN ROYAL, Sells at Denver

JJ PUBLICAN ROYAL 6685614

Calved Feb. 10, 1951

| | | |
|-------------------------------|---------------------------------|--|
| Baca OJR Royal 1st 4698611 | OJR Royal Dom. 10th 2892596 | WHR Royal Dom. 51st WHR Donna Dom. 63rd |
| | Baca M. Reality 96th 3838619 | WHR Reality 13th Lady Dom. 265th |
| Publican Miss 51st 4977565 | C-W Prince Dom. 21st 3466554 | L.H. Pub. Dom. 24th Miss C C 142nd |
| | Donna Anxiety 8th 2945779 | Pub. Dom. 44th Donna Anxiety 7th |

★ JJ PRINCE DANDY, Sells at Denver

JJ PRINCE DANDY 6824628

Calved March 1, 1951

| | | |
|-------------------------------|--------------------------------|--|
| Dandy Domino 48th 5481174 | Double Dandy Domino 4536565 | Donald Domino 26th WR Miss Dare |
| | NHR Vera Dom. 2nd 3970666 | Donald Dom. 6th Vera Dom. |
| Ruth Mischief 18th 4163840 | Blanchard Return 2997670 | Prince Dom. Return Princess Dom 331st |
| | Ruth Mischief 17th 3282455 | Stan Superior 2nd Ruth Mischief 16th |



DANDY DOMINO 48th

His Sons Sell at Denver

Shown at the left are the pedigrees of the two top herd bull prospects we are selling at Denver. JJ Publican Royal is by Baca OJR Royal Domino 1st and he by the great sire OJR Royal Domino 10th. You will note that this calf is out of a daughter of CW Prince Domino 21st, the highest living Register-of-Merit sire. This cow, Publican Miss 51st, was the second top selling female of the Switzer and Field dispersion, she was reserve champion female at the 1948 Cow Palace Show and top selling female of the International the same year. This young bull is a half brother to U Royal Mixer 5th (pictured) and the calves by this bull show a lot of promise.

JJ Prince Dandy is a grandson of Double Dandy Domino, the outstanding sire at J. F. Miller's. He is out of a Prince Domino Return cow. Be sure to look these two top prospects over at Denver and see our show herd at Denver, Fort Worth, Houston and San Antonio.



Johnston's

SQUAREBILT

HEREFORDS

Herd Sires in Service

- Publican Domino 173rd—Register-of-Merit son of CW Prince Domino 21st.
- Publican Domino 195th—by the "21st" and sire of the 1951 Grand Champion Steer, American Royal.
- U Royal Mixer 5th—Son of Baca OJR Royal 1st—Register-of-Merit sire.
- JJ Publican Domino 1st by Publican Domino 151st.

Ranches at

We Invite You to Visit Us Anytime

Madisonville, Texas and Folsom, New Mexico

ELLIS RUSSELL

WM. G. and RALPH A. JOHNSTON, Owners
1453 Esperson Bldg., Houston, Texas

CHAS. W. MACHEMEHL
BOB CUMMINGS, Show Cattle

MW HERD SIRE PROSPECTS

At these sales we are selling top grandsons of Larry Domino 50th with close up Register of Merit breeding in both the sire and dam of every animal. Proved prepotent Milky Way Blood.

Grandsons of Larry Domino 50th sired the Champion bulls at five of the seven major shows this fall. Five different bulls by four different grandsons of the "50th." This kind of blood will help your herd.

★ T ROYAL RUPERT 60th



Selling at Fort Worth — two good junior bull calves by the great T Royal Rupert 60th. Both of these calves are out of Larry Domino 50th cows and they combine the type, character and quality of these two great families of cattle.

LOTS of BULLS

HERD BULLS
RANGE BULLS



AND TOP
FEMALES, TOO!

AMERICA'S FASTEST GROWING
BULL MARKET

SOUTHWESTERN HEREFORD SALE

JANUARY 29th

Buy the Best . . . at Your Price



DENVER

NATIONAL WESTERN *Hereford Sale*

JAN. 14, 15

★ MW LARRY DOMINO 107th



At Denver, we will sell an outstanding summer bull calf by the "107th." He is deep, smooth, meaty and close to the ground. His dam is one of the very top daughters of Larry Domino 50th, a former winning Milky Way show cow. We are going to have to reserve the right to show this one.

★ MW LARRY DOMINO 37th



At Denver, we will sell a Senior bull calf by the "37th" out of one of our former show cows by the Register of Merit Straus Medina sire, TT Royal Triumph. A strong headed, light colored calf with type and quality.

★ DANDY DOMINO 21st



At Denver, we sell two sons of our great young breeding bull, Dandy Domino 21st by Double Dandy Domino; one a summer yearling out of a good Larry Domino 50th cow. This bull has an extremely heavy rear quarter, a great head and is thick and low down. The junior yearling is out of a TT Royal Triumph dam. He is smooth, well coupled and stylish and sets right on his legs, has an outstanding head and lots of size and weight for age.

Milky Way Herefords

PHOENIX and SPRINGVILLE, ARIZ.

**"They do grow out
... they do breed on!"**

Hereford Association Announces New Service on Breed Registrations

THE American Hereford Association has announced plans to provide an additional service in the registration department for breeders of both horned and polled Herefords.

Starting May 1, the association will issue two types of registration certificates: (1) The usual certificate for horned cattle, and (2) a polled ("P" prefix type) certificate for naturally hornless animals of the breed.

In announcing the procedure for the issuance of registration certificates for polled Herefords, the association pointed out that "the need for designation of hornless cattle has long been felt and this need was further emphasized at the 1951 World Hereford Conference held in Hereford, England, where representatives of Hereford societies throughout the world gathered for a four-day meeting."

"It is thought that all breeders, whether they are producing horned or polled Herefords, or both, will benefit by having the registration certificate, and the registration number, indicate whether the animal is horned or naturally polled. Some buyers want a maximum of polled breeding, others prefer some guarantee that there is no polled blood in the pedigrees of the animals concerned," the association said.

The Plan in Brief

1. For horned animals, the registration certificates will continue to be the usual American Hereford Association certificate.
2. A polled certificate, with a "P" prefix to the registration number, will be used for naturally hornless animals.

Processing "P" Type Applications

1. NO application for a "P" type certificate will be processed before the calf, represented by the application, is four months of age.
2. Breeders will submit applications for polled certificates of calves under four months of age ONLY in the case of calves sold under four months of age, and to be transferred simultaneously with recording.

In the case of calves to be transferred at time of recording, the procedure will be as follows:

Breeders will submit applications according to the normal procedure, showing transfer on entry, which will list the name of the new owner.

Such applications will then be held in the office of the American Hereford Association until the youngest calf of a

group being transferred to any one buyer reaches four months of age.

The owner, as shown by the application, will then be mailed a form by the American Hereford Association requiring certification of polled, horned, or scurred status, which must be completed and returned to the Association office before certificates are issued. Certificates will then be issued in accordance with the certification—which may or may not agree with the original application.

Upon completion of processing, certificates will be mailed to the owner, as shown by the application.

In case of a subsequent sale of calves represented by "P" type applications, before the calves concerned reach four months of age, it will be the responsibility of the seller to advise the American Hereford Association of new ownership.

Applications for "P" type entries not sold before four months of age, and consequently not transferred on entry, will immediately be returned to the breeder, to be held by him until the animal reaches the four months minimum age.

Breeders recording polled cattle should follow a systematic plan of submitting entry applications. Naturally, breeders will prefer and find it economical to wait until they can judge with considerable confidence the polled, horned, or scurred status of the calf, and yet get the entry in the office before the calf is six months of age.

The Application for Entry Card

The application for entry for all Here-

**TESTS
PROVE**

it PAYS to CREEP FEED PURINA!



RALSTON PURINA COMPANY

Pt. Worth ★ Lubbock

Creep feeding tests in cattle areas prove feeding a Purina ration to nursing calves is both practical and profitable. Here's how the creep-fed calves beat the non-creep-fed calves...

- Creep-fed calves 37 lbs. heavier at 5 months — returned \$5.80 per calf over feed costs (129 calves on test).
- Creep-fed calves heavier by 31 lbs.—cows gained an extra 39 lbs.—a total of 70 lbs. of beef for sale due to creep feeding—in addition, calf up-grading bought all feed! (107 calves and 119 cows on test).
- Creep-fed calves returned 173% on investment — daily gain 1.35 lbs. each—400% more graded choice, 92% more good! (72 calves on test).

This year make your range and roughage worth more by creep feeding a Purina ration. See your Purina Dealer for up-to-the-minute information on how this profitable operation can help you.



AT THE STORE WITH THE CHECKERBOARD SIGN

SELLING IN THE DENVER

NATIONAL WESTERN
Hereford Sale

JAN. 14, 15

THREE TOP BULLS

Straus' Medina Hereford Ranch



T T ROYAL TRIUMPH



★ **STRAUS LARRY PLUS 228th**, a senior yearling bull by Straus Larry Plus. He won first at Springfield, Sedalia, Missouri; Des Moines, Iowa; Topeka, Kansas; Nashville, Tennessee; and Muskogee, Oklahoma; second at Memphis; third at Lincoln, Nebraska, Dallas and San Francisco and seventh at Kansas City. He is a yellow bull with lots of depth and width and thickness thru the body—of herd bull calibre—better known as "One Horn."



★ **NOE'S BACA PRINCE 53rd**, senior yearling bull, sired by Karpe's \$65,000 Baca Duke 2nd and out of a Prince Domino Return-bred dam. Shown once at South Texas Hereford Show at Beeville—was reserve champion bull of the show.



★ **MEDINA TRIUMPH 40th**, junior yearling bull from our show herd. He is by T T Royal Triumph and is a three-fourths brother to Straus Royal Domino 11th that showed successfully over the United States last season.

*"AS GOOD AS
THEY COME"*



C Domestic Mischief 11th by GR Mischief Blanco. This outstanding prospect sells at Brownwood January 19. Three of his half brothers and one heifer bred to him and one half-brother sell at Fort Worth.

Carl SHEFFIELD

BROOKESMITH, TEXAS

Seventy-Fifth Annual Convention
TEXAS AND SOUTHWESTERN CATTLE RAISERS ASSOCIATION
Fort Worth, March 17-19, 1952

TOP OFFERING AT THESE TWO SALES

★ BROWNWOOD POLLED HEREFORD SALE JANUARY 19 Selling

- ★ 4 Bulls by GR Mischief Blanco
- ★ 1 Heifer by Bullion Mischief 4th and bred to the top bull shown.

★ FORT WORTH POLLED HEREFORD SALE JANUARY 30 Selling

- ★ C Domestic Mischief 16th by GR Mischief Blanco. He is a half brother to bull shown.
- ★ C Ellen Mischief by Domestic Domino.

ford breeders will be similar to the present American Hereford Association application, except that space for the designation of the polled, horned, or scurred status of the calf at the time of entry will be provided. With the installation of the plan, all present application for entry cards are obsolete.

Correction of Certificates

Breeders must surrender the "P" certificate at any time it is determined that the animal has developed horns. Upon surrender of the "P" certificate with the proper correction fee and a corrected application for entry, the Association will re-issue a regular certificate. Similarly, certificates for animals with polled ancestry, but recorded as horned and later found to be polled, must be corrected.

The penalty for failure to correct certificates as above outlined is immediate cancellation of the certificates for the animals concerned.

Fees for Re-Issuing Certificates

In the case of the re-issuance of a "P" type certificate to a regular certificate, or a regular certificate re-issued to a "P" type, the same must be done at the fees herewith prescribed, or the existing certificate will be cancelled.

The re-issuance of a certificate, necessitated by a change in the polled or horned status of the calf from that reported at the time of registration will be made at a fee of \$1 for members and \$2 for non-members until the calf reaches 12 months of age. The fee for re-issuing a certificate after the animal reaches 12 months of age will be \$2 for members and \$4 for non-members.

We will sell 4 bulls at Fort Worth

T. MELLOW DIANA



Top selling female 1945 Fort Worth Polled Sale. She is a full sister to T. Mellow Real 11th—outstanding two-year-old bull selling at Fort Worth.



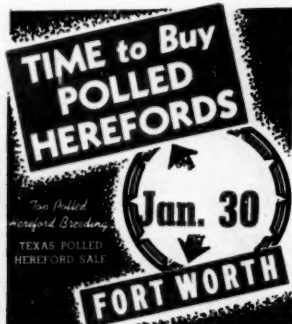
- T. MELLOW REAL 11th—by Mellow Mischief and out of a granddaughter of Real Prince Domino—He is a full brother to T. Mellow Real we used in our herd and a full brother to T. Mellow Diana (pictured) and T. Mellow Diana 3rd, 1945 and 1947 top selling females. This two-year-old bull is light colored, good headed and heavy boned. We have several calves bred to him and will have calves by sale time. Look over this top prospect.

- One Junior Bull Calf by Mellow Mischief.

- Two yearling sons by T. Mellow Mischief, Jr., he by Mellow Mischief. Be sure to attend this quality sale—and be sure to look over our TOP Offering.

TRENFIELD POLLED HEREFORDS

FOLLETT, Lipscomb County, TEXAS



POLLED HEREFORD SALE

SOUTHWESTERN EXPOSITION

AND FAT STOCK SHOW

FORT WORTH, TEXAS

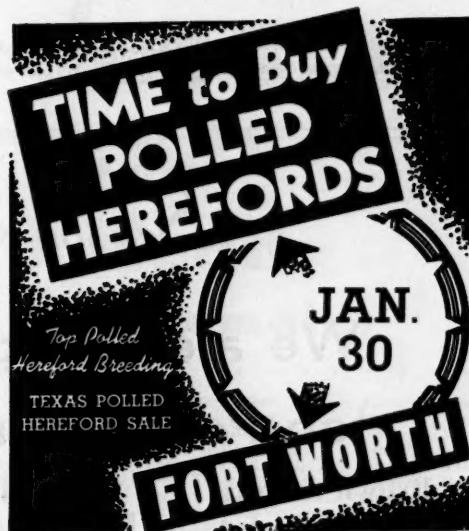
JANUARY 30, 1952

29 Bulls ★ 13 Females

CONSIGNORS:

Jim and Fay Gill, Coleman, Texas
N. M. Mitchell, Sanderson, Texas
Hill Polled Hereford Ranch, Fairfield
C. J. Huelsenkamp & Son, Broken Bow, Okla.
Fred Freeman, Jr., Denton, Texas
Mans Hoggett, Mertzon, Texas
Carl Sheffield, Brooksmith, Texas
Halbert & Fawcett, Sonora, Texas
D. C. Guerry, Temple, Oklahoma
Joe and Joe Dan Weedon, Grosvenor, Texas
Golden Hoof Hereford Farms, Coleman, Tex.
Trenfield Polled Herefords, Follett, Tex.
W. H. Obenhaus, Chillicothe, Texas
R. G. Chandler, Mesquite, Texas
J. C. Benedum, San Augustine, Texas
Loma Linda Ranch, Dallas, Texas
N. F. Schilling, Memphis, Tennessee
Don and Alice Reynolds, Sonora, Texas
Kallison Ranch, San Antonio, Texas
Gill Ranch, Whon, Texas

Walter Britten, Auctioneer



T. P. H. A. Sale, San Antonio, Texas
February 20, 1952

Top Polled Hereford Breeding

For Catalog, Write:

TEXAS POLLED HEREFORD ASSOCIATION

HENRY FUSSELL, *Secretary*

3337 Hanover, DALLAS 5, TEXAS

SELLING TOP POLLED HEREFORDS



Domestic Anxiety 90th

**VISITORS
WELCOME**

MANS HOGGETT

**MERTZON
TEXAS**

**Selling at Brownwood
January 19**

- Domestic Anxiety 89th by Domestic Anxiety
- Domestic Anxiety 90th (pictured) by Domestic Anxiety

**Selling at Fort Worth
January 30**

- Choice Anxiety 5th by Domestic Anxiety 46th

**Selling at San Antonio
February 20**

- Domestic Anxiety 97th by Domestic Anxiety

Corrections of a minor nature, but not involving a change in the type of certificate, will be made at the same current schedule of fees charged by the American Hereford Association.

Fees for Transfers

The fees for transfers will be the same as the current American Hereford schedule, except that no penalties are to apply on "P" certificate animals if same are sold before the calf is four months of age.

Tabulated Pedigrees

All American Hereford Association registration certificates, either regular or polled, will, as has been the case of all American Hereford Association certificates issued to date, carry only the immediate ancestors (sire and dam) of the recorded animal.

Tabulated pedigrees of any animal recorded in the American Hereford Association will, of course, continue to be made on request according to the schedule of fees listed below.

Tabulated pedigrees for animals represented by the "P" certificate of the association will be made only after the animal has reached four months of age.

Tabulated pedigrees starring (*) ancestors now recorded in the American Polled Hereford Association will be made if the breeder submits, with the requests for a tabulated pedigree, the existing American Polled Hereford Association certificates for the sire and/or dam and the paternal and/or maternal grandparents. Any existing polled certificates furnished the American Hereford Association by the breeder for the purpose of securing a tabulated pedigree will be

Organization of Cattlemen
Write for further information



in the Interest of Cattlemen
410 East Weatherford, Fort Worth

Season's Greetings

**We are consigning 10 head of
top Polled Herefords as follows:**

**Brown County
Polled Hereford Assn.
BROWNWOOD, TEXAS
JANUARY 19th**

- 2 Junior Bull Calves by NM Real Domino 36th.
- 1 Summer Yr. Heifer by Domestic Mischief 53rd.

**Texas
Polled Hereford Assn.
FORT WORTH
JANUARY 30th**

- 2 Junior Bull Calves by NM Real Domino 36th.
- 1 Summer Yr. Heifer by NM Real Domino 36th.
- 1 Junior Heifer Calf by NM Real Domino 36th.

**Texas
Polled Hereford Sale
SAN ANTONIO
FEBRUARY 20th**

- 1 Summer Yr. Bull by Beau Blanco 53rd.
- 1 Junior Bull Calf by NM Real Domino 36th.
- 1 Summer Yr. Heifer by Domestic Mischief 53rd.

N. M. MITCHELL

SANDERSON, TEXAS

TOP O' TEXAS



Total Membership
120 Registered Hereford
Breeders Out of the
Top O' Texas Area

SHOW and SALE

PAMPA, TEXAS

Selling 78 Head

59 Bulls

19 Females

Consignors

R. T. Alexander & Son Canadian, Tex.
John A. Baggerman & Sons Groom, Tex.
Alex Born & Sons Follett, Tex.
J. P. Calliham Conway, Tex.
M. O. Calliham Conway, Tex.
C. M. Carpenter McLean, Tex.
Clyde L. Carruth Pampa, Tex.
John Loyd Carruth Pampa, Tex.
George Coffee White Deer, Tex.
Combs & Worley Pampa, Tex.
Paul Dauer Panhandle, Tex.

C. J. Frantz & Sons Waka, Tex.
Ralph Hale Perryton, Tex.
F. Jake Hess McLean, Tex.
C. I. & Newlin Jones Sayre, Okla.
L. A. Maddox Miami, Tex.
Wayne Maddox Miami, Tex.
Clyde J. Magee McLean, Tex.
Robert L. Newton Lark, Tex.
OTO Ranch Clayton, N. M.
Tomie M. Potts Memphis, Tex.
H. H. Reeves Shamrock, Tex.
A. B. Robertson Abilene, Tex.

J. F. Ross & Son Goodlett, Tex.
Lyndon H. Sims Wheeler, Tex.
W. O. Simmons McLean, Tex.
M. H. Smith & Son Canadian, Tex.
George Stovall Sayre, Okla.
Jerry Thomas Pampa, Tex.
Hubert Tindall Shamrock, Tex.
Cliff & Edna Vincent Lefors, Tex.
Gordon Whitener Wheeler, Tex.
Crescent Ranch Mount Dora, N. M.
M. C. Overton, Jr. Pampa, Tex.

Our Eighth Annual Sale

WALTER BRITTEN, Auctioneer
GEORGE KLEIER for The Cattleman



For Catalog Write:
E. O. WEDGEWORTH, Secretary

TOP O' TEXAS Hereford Breeders Ass'n

CLIFF VINCENT
President

J. P. CALLIHAM
Vice-President

PAMPA, TEXAS

FLOYD E. IMEL
Treasurer

E. O. WEDGEWORTH
Secretary

DON'T MISS
Our 4th Annual

JUMBO

FEBRUARY 9, 1952

DURING THE HOUSTON FAT STOCK SHOW

LUNCH 12 NOON - SALE 1 P. M.

**BROTHERS AND SISTERS OF THIS
GRAND CHAMPION COW
SELL!**

**50 HEAD - TOP MANSO BLOODLINES
2 AND 3 YEAR OLD BULLS AND HEIFERS**

ALL MANSO BLOODLINE

AUCTION---

WALTER BRITTEN, Auctioneer

- **TOP HERD SIRES!** You will find the bloodlines of champions and individuals of quality offered.
- **BEEF PRODUCERS!** Bulls of proven fleshing ability—for your crossbreeding program.
- **THERE WILL BE BARGAINS!** 50 head will be sold regardless of price.
- **RAIN OR SHINE!** Heated barns, good roads, one hour from Houston.
- **COME EARLY!** Inspect cattle before sale.

BRAHMAN Auction!

RANCH — SIMONTON, TEXAS

35 MILES WEST OF HOUSTON



(Unretouched photo)

Miss Jumbo 218

Grand Champion Cow

of Louisiana State Fair, 1951

Sired by Galen Manso

(For reference only)

WRITE FOR CATALOG!

✓ PECAN ACRES ✓

RANCH

RANCH - SIMONTON, TEX.

35 Miles West of Houston

OFFICE
25TH FLOOR
ESPERSON BUILDING

VERNON FROST, Owner

OTTO SCHULTE, Livestock Manager

GOLDEN OAK FARMS

Will have a select group of Shorthorn bulls for sale at Fort Worth Stock Show, January 25 through February 3, 1952.

Twenty-one good rugged individuals will be on exhibit in pens of 5 and groups of 3. These bulls will be offered at private sale.



PRINCE PETER MASON 2520230
Reserve Champion Fort Worth, Champion
Houston and San Antonio 1951

We invite you to make our stalls and
pens your headquarters while attending
the Fort Worth Stock Show

LOTS of BULLS
HEAD BULLS AND TOP
RANGE BULLS FEMALES, TOO!

AMERICA'S FASTEST GROWING
BULL MARKET

SOUTHWESTERN SHORTHORN SALE
JANUARY 31st
Select from Top Shorthorns!

WILL SELL IN THE SHORTHORN BREEDING

SALE—3 BULLS, 2 FEMALES

The bulls are grandsons of Edellyn Royal Leader 14th
and out of daughters of Prince Peter. The females are
of Prince Peter Royal Leader breeding and are bred
to Prince Peter Mason and Golden Oak Prince 49th.

C. M. CARAWAY & SONS

DE LEON, TEXAS

returned with the tabulated pedigree concerned.

Schedule of Fees for Tabulated Pedigrees American Hereford Association Numbers Only

| | |
|--------------------|--------|
| 3 Generation | \$.15 |
| 4 Generation | .35 |
| 5 Generation | 1.00 |

American Hereford Association Numbers and Polled Ancestors Starred

| | |
|----------------------|--------|
| 3 Generations* | \$.25 |
| 4 Generations* | .50 |
| 5 Generations* | 1.25 |

*If accompanied by the American
Polled Hereford Association certificates
representing the generations required in
the tabulated pedigree.

Cows Fussy About What They Eat and Drink

COWS ordinarily will not eat feed that is frozen, muddy, or spoiled unless they are practically starving or have a depraved appetite. When cows get digestive upsets, the owner's first thought may be that spoiled feed is responsible, but a close check usually reveals some other factor. Common causes are abrupt changes in rations, irregular feeding, uncontrolled eating of rich feeds, and lack of good drinking water, particularly lack of water of the right temperature. During winter months, it pays to use a heating device to keep stock drinking water from getting icy-cold.

Farmers who have newly purchased animals trucked to their farms should insist upon having the truck completely cleaned and disinfected before loading.

SHORTHORNS ARE MARCHING SOUTHWEST!

See them... Buy them...

at the **TEXAS NATIONAL
SHORTHORN SALES**

★ Sale of **BREEDING ANIMALS**

Thursday, JAN. 31, 1952

25 BULLS ★ 30 FEMALES

Sale Starts 9:30 A. M.

LOTS of BULLS
HEAD BULLS AND TOP
RANGE BULLS FEMALES, TOO!

AMERICA'S FASTEST GROWING
BULL MARKET

SOUTHWESTERN SHORTHORN SALE
JANUARY 31st
Select from Top Shorthorns!

★ Sale of **SHORTHORN
RANGE BULLS**

**Thursday,
Jan. 31, 1952**

GROUPS OF THREE AND
GROUPS OF FIVE

Sale Starts 12:30 Noon

Schedule of Events:

JUDGING OF CARLOTS OF BULLS

Sun., Jan. 27—10:00 A. M.

(Pens of 3 and pens of 5)

JUDGING OF SALE CATTLE

Tues., Jan. 29—2:00 P. M.

JUDGING SHORTHORN BREEDING CLASSES

Wed., Jan. 30—9:00 A. M.

DANQUET—Texas Hotel

Wed., Jan. 30—7:00 P. M.

SALE OF SHORTHORN BREEDING CATTLE

Thurs., Jan. 31—9:30 A. M.

SALE OF PENS OF 3 AND PENS OF 5

Thurs., Jan. 31—12:30 Noon

Catalogs will be sent only upon written request, but will be available to all who attend the sale Thursday, January 31st.—Clinton K. Tomson, Sale Manager.

AMERICAN SHORTHORN BREEDERS' ASSN.

Dept. C

Union Stock Yards

Chicago 9, Illinois

Leading exhibitors from all over the country will compete and consign outstanding Shorthorns. Here is an opportunity to buy the nation's prize winners from herds with reputations for producing that kind.

Make plans to attend the Stock Show and boost for your breed.

The sale offering includes prospective herd bulls ready for immediate service in commercial or purebred herds.

• **MM**
BALE-O-MATIC

• **MM**
UNI-MOWER AND SIDE-
MOUNTED MOWER

• **MM**
WINDROWER

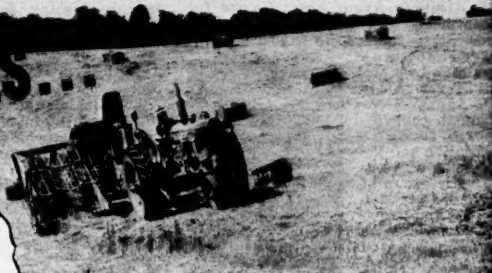
• **MM**
SIDE-DELIVERY RAKE



Modern HAY TOOLS...

*...get the job
done on time!*

*Quickly — Easily —
Economically!*



Lower Haying Costs!

MM HAY TOOLS GET ALL THE CROP ON TIME—EVERYTIME! Every modern farmer knows that his hay crop is one of the most important crops on his farm. He knows that timely cutting of that crop is a most important factor in deciding its quality, and therefore its feeding and market value. Care must be taken to avoid cutting too early and also against allowing the crop to stand until full bloom has occurred and the nutrient value has begun to decline. Progressive farmers have learned that when they use MM Hay Tools their crop is cut right, on time, everytime.

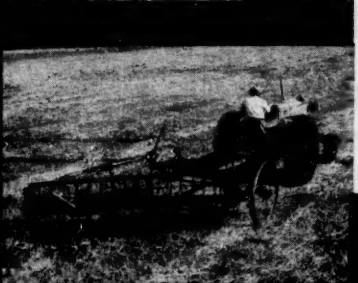
MM UNI-MOWER is important to the haying time factor. This mower attaches to any modern tractor equipped with power-take-off. Equipped with a 7-foot cutting bar it cuts up to 35 acres per day. Since the power drive consists of a simple V-belt pulley, the sickle speeds can be easily changed to meet all cutting conditions... no gears to adjust and fewer wearing parts. MM Uni-Mowers are available in pull-behind and side-mounted models... mowers that allow farmers to spend less time in the field... mowers that are ready to cut the crop when it is just right!

MM SIDE-DELIVERY RAKE'S GENTLE HANDLING HELPS RETAIN FOOD VALUE! That's why so many modern farmers prefer this rake. The rolling action of the rake turns the heads into the center of the windrow leaving heavy butt end of the stems out where they will dry faster. Heads and leaves dry slowly and stay on the stem. The whole windrow dries more evenly and in less time, so that hay may be taken up sooner after cutting. Therefore there is less chance of loss by storm, and hay is better because few, if any, of the leaves in which most of the food value is concentrated are lost by breaking or tearing.

MM BALE-O-MATIC MAKES BALING A ONE-MAN JOB! That's important to farm businessmen who want to save money on their haying jobs. This baler is completely automatic... picks up the hay, slices, and ties it into firm bales with two 14-gauge high-tension steel wires while the hay is under compression. Bale-O-Matic bales are uniform, rectangular, square-cornered, and won't come untied when handling. No loose ends of wire left in the bales or in the field!

MM WINDROWERS CUT CROPS CLEANLY and deposit them in uniform windrows on top of the stubble. Even the finest hay seed crops are handled without injury. All controls are within easy reach of the operator, permitting easy change of cutting height and height of reel "on the go".

★ **QUALITY CONTROL IN MM FACTORIES ASSURES
DEPENDABLE PERFORMANCE IN THE FIELD!**



Texas Aberdeen-Angus News

By TOMMIE E. STUART,
Secretary-Treasurer

DUE to the rapid growth of the Texas Aberdeen-Angus Association, the office has been moved to Cleburne at 105 West Henderson, and a full-time stenographer employed.

An Aberdeen-Angus Short Course for herdsmen and breeders was held at East Texas State College, December 14, 15.

The school was sponsored by the East Texas Aberdeen-Angus Association in cooperation with the Texas Association and the College. A very enthusiastic group of approximately 100 breeders and herdsmen attended. With the exception of three or four breeders, they were all from the Northeast Texas Area.

The school centered on important problems of breeding, feeding, selection, registering, tattooing, and pasture grasses for that area.

The first sale of Aberdeen-Angus cattle in the Texas Hill Country was held at Fredericksburg December 6th. A very active group of buyers bid in the 23 registered bulls at an average of \$775.43, and the 45 registered females averaged \$601.67. A small group of light grade heifer calves sold at the end of the sale

at prices that would have figured well over 40 cents per pound.

A number of the registered cattle were very short aged and just in pasture condition. So, another big area of enthusiastic breeders has been added to the Aberdeen-Angus map. They are going to show a very rapid increase in that area.

With fall shows and sales in Texas in the record books, Aberdeen-Angus breeders are looking forward to the Fort Worth show and sale. At this gathering will be held the annual meeting and banquet of the Texas Association. A record Angus show, sale, and meeting are expected.

The final major show of the year in this great country of ours was the "daddy" of them all, the International Livestock Exposition held at Chicago in November. It was only fitting that the

steer show should turn out as it did with the "Bonny Blacks" taking every grand championship offered in the steer show. Exhibitors of Aberdeen-Angus steers took home the purple ribbons for grand champion load of feeder calves, load of fat steers, load of short-fed steers, individual carcass, champion steer of the Junior show, and grand champion of the entire show. Only one time previously has all the grand championships in the steer show at the International gone to one breed, and that was to Aberdeen-Angus. They are truly the "Supreme Beef Breed".

The nation's sheep numbers have decreased by 41 per cent in the past 10 years, dropping to a total of 28,000,000 head of stock sheep. Sheep numbers are on the increase now, however.



Stuart

A hearty handshake is exchanged by Jay P. Walker, Tulsa, Oklahoma, and Adlai H. Rust, Bloomington, Illinois, after their recent election to the offices of president and vice president of the American Aberdeen - Angus Breeders' Association in Chicago. Photo by American Aberdeen-Angus Association.






Watson Brothers

KEILLOR RANCH




"OTIS" AUSTIN TEXAS "LUTHER"

SELLING IN THE FORT WORTH TEXAS ABERDEEN-ANGUS ASS'N SALE

- OPPORTUNITY -

POPULAR FAMILIES

BRED TO

RIGHT TYPE

TOP INDIVIDUALS

Eline

Lady Ida

Rosemere Pride

McHenry Barbara

Bandy Maid Miss Burgess

Bar Ever Prince-785246

(Son of Ever Prince of Sunbeam)

Quality Keillor 3rd

(Grandson of Afford's Quality Prince)

Prince Peer 5th
of Den-Mor

(Son of Prince Peer of Angus Valley)

FRIDAY, 1 P. M.

TOP FOUNDATION FEMALES

FEBRUARY 1, 1952

ANGUS

The Most Useful Cattle at the
Most Useful Cattle Show and Sale

Come to DENVER

NATIONAL WESTERN
ANGUS SALE

**Wednesday, January 16th
SELLING**

275 HEAD of ANGUS

225 BULLS—ALL SERVICEABLE AGE

100 single lots, 125 groups of 3 and 5

50 FEMALES

Quality Angus offered by top breeders from as far west as California, as far east as New Jersey, as far north as Canada and as far southwest as Arizona.

Your opportunity to select herd sires—carload lots or top females—keeping high travel cost at a minimum.

- Sale cattle judged Sunday, January 13
- Sale on single lots—9 A. M., January 16
- Sale on group lots—2 P. M., January 16

Sponsored by

American Aberdeen-Angus Association
Roy Johnston, Ray Sims, Auctioneers

For Catalog Write

NORM SMITH, Sale Manager, Lockspur, Colorado

Western Aberdeen-Angus Ass'n

Aberdeen-Angus Sweep Honors At The International Show

A GRAND sweep of the six major divisions of interbreed competition was won by America's Aberdeen-Angus breeders at the recent 1951 International Live Stock Exposition held in Chicago. The overall win was the 13th for the breeders since the inauguration of the show in 1900. The last grand sweep for the Angus was in 1938. Angus is the only breed ever to capture all major awards at an International show.

Grand champion over all breeds was an Angus steer called Toby, shown by Iowa State College, Ames. The 1,240-pound steer, which was reserve grand champion of last year's show, set a precedent when he returned to be named grand champion of the 1951 International. This was the first time in the 52-year history of the show that a reserve grand champion has returned to capture top prize. Toby was exhibited by Herdsman George Edwards, 50, who has been showing cattle for Iowa State College for the past 25 years.

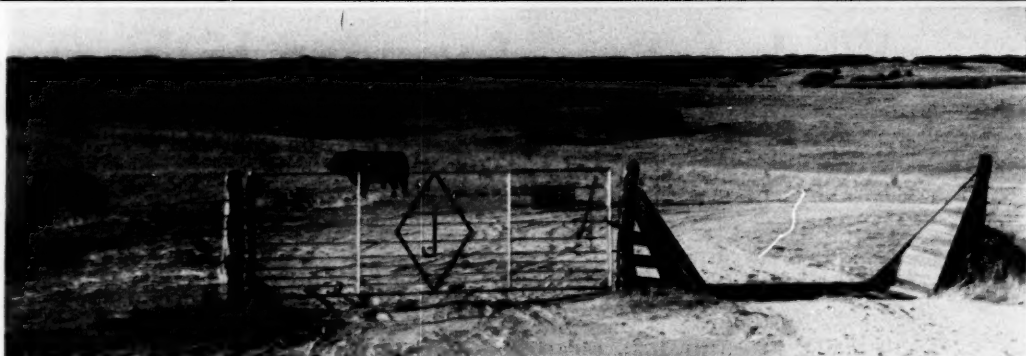
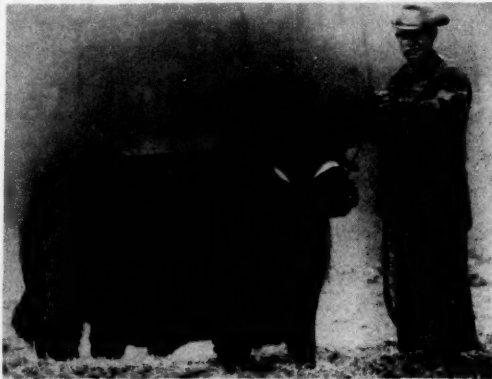
Iowa State College captured another Angus honor when it exhibited the grand champion group of three steers. The junior steer championship was taken by a Texas-bred steer, Bell Boy. He was exhibited by Howard Brown, 17-year-old F.F.A. youth from Chickasha, Oklahoma.

The young exhibitor's entry was named winner of the senior calf class, was top of his breed, and finally won the grand championship of the junior show. A. D. Weber, judge of the steer show, was highly impressed with the junior exhibition and termed it the greatest he had ever seen.

The purple award for the grand cham-

pion carlot show was presented to John F. Mommsen and his sons, Wayne and Glen, on a load of medium-weight Angus steers. The Mommsen's, whose farm is near Miles, Iowa, topped 102 other loads entered. The competition for top honors was keen but the Angus carlot proved to be superior. Mommsen has had two grand championships and a great number

Grand champion steer, junior show, International Live-stock Exposition, entered by Howard Brown, Chickasha, Okla., and bred by Tommy Brook, Camp San Saba, Texas.



See our TOP ANGUS...Fort Worth Sale and Pens

★ **IN THE SALE, FEB. 1** We will sell three granddaughters of Prince Sunbeam 29th, the million dollar sire. They are by one of his top sons, Prince Sunbeam 411th.

★ **PEN OF 3 BULLS** We will show three excellent bulls in the Fort Worth Pens show. They are by Eileenmere 1067th, a son of Eileenmere 500th. These bulls are rugged. They were range-raised on their dams until weaning, then were "on their own" in the pasture with practical daily supplement. They are not highly fitted but are in excellent condition. Be sure to see them!

REGISTERED and COMMERCIAL
ABERDEEN-ANGUS CATTLE

J. H. FLEMING

Mail Address: Box 248, Phone 800
STEPHENVILLE, TEXAS

Diamond J Ranch



LOTS of BULLS
HEAD BULLS AND TOP FEMALES, TOO!
RANGE BULLS
AMERICA'S FASTEST GROWING BULL MARKET
SOUTHWESTERN FAT STOCK SHOW
JAN. 25 - FEB. 3
Better Bulls... in Greater Numbers

Ranch located 68 mi. southwest of Fort Worth and 4 mi. west of Morgan Mill
Ranch Foreman: Jud Hatler

A N G U S

Top, Registered
Aberdeen-Angus
From the Top
Herds

LOTS of BULLSHERD BULLS
RANGE BULLSAND TOP
FEMALES, TOO!AMERICA'S FASTEST GROWING
BULL MARKET

TEXAS ABERDEEN-ANGUS SALE
FEBRUARY 1st
Blacks at their Best... for You

A N G U S

15
BULLS

35
FEMALES

A N G U S

These Aberdeen-Angus cattle will be the top 50 head entered in the Fort Worth Exposition and Fat Stock Show. Other entries will be sold at the conclusion.

IN ADDITION TO THE ABOVE SALE

RANCHER'S OPPORTUNITY

Bulls may be purchased any time during the show in the pens division.

JAN. 25 - FEB. 3

See your favorite commission company.

Pens of 3 and Pens of 5 choice bulls ready to go out on the range. Don't miss this chance to select from over 100 head. Good Breeding—Good Individuals.



ANNUAL BANQUET January 31st at Fort Worth. All Members and friends are invited to attend. Annual meeting and election of officers follows banquet.

Ray Sims, Auctioneer • George Kleier and Benny Scott for The Cattleman

For Catalogs, Write

Luther T. McClung, Sale Manager, 4206 Birchman — Fort Worth, Texas

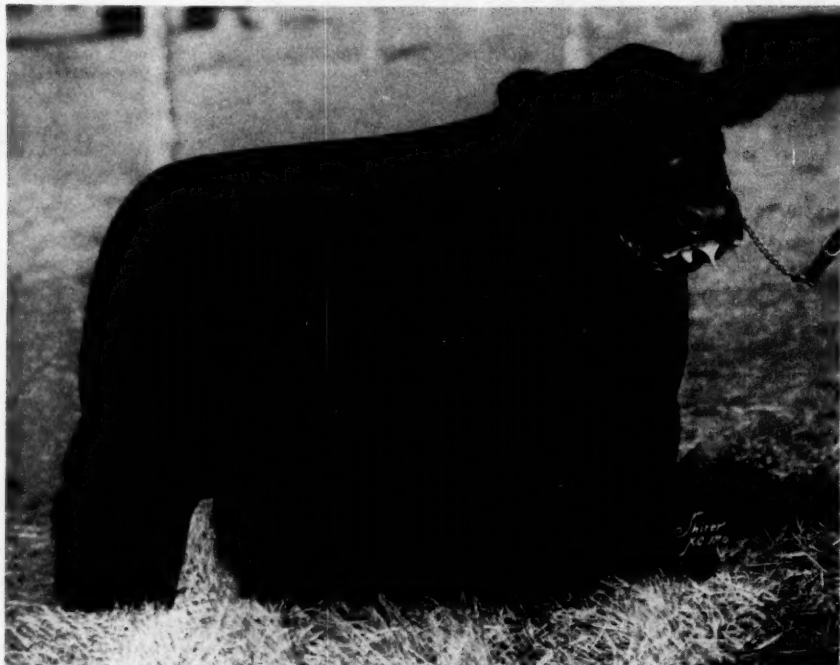
TEXAS ABERDEEN - ANGUS ASSOCIATION

JESS B. ALFORD, President
PARIS, TEXAS

A. M. WILKINS, Vice President
ENDERSON, TEXAS

TOMMIE STUART, Secretary
CLEBURNE, TEXAS

NOW IN HIS NEW HOME



PRINCE 45th of ESSAR

Prince 45th of Essar, 1293348, our junior herd sire, is at his new home now and is looking fine. We invite everyone to come see him while attending the Fort Worth Show.

LOTS of BULLS

HERD BULLS AND TOP
RANGE BULLS FEMALES, TOO!

AMERICA'S FASTEST GROWING
BULL MARKET

TEXAS ABERDEEN-ANGUS SALE
FEBRUARY 1st

Blacks at their Best for You

THIS TOP BULL SELLS AT FT. WORTH

We are consigning Prince of Ennis to the Fort Worth sale, and we invite you to see him while being shown in the regular show. He is a well-bred bull and a very individualistic animal.

| | | | | |
|---|--|--------------------------|----------------------------|--------------------------|
| ★ | Prince 15th of Essar 1060615 | Master Prince 2d | Prince Sunbeam | Black Prince of Sunbeam |
| | | | 29th | Erica Marie of Sunbeam |
| ★ | Prince of Ennis 1269538 Calved 2-11-1950 | Barbara 3d of Essar | Miss Berona | Master Page |
| | | | Master 3d | Berona K. 3rd |
| ★ | Envy's Erica Revol. of Bates 839484 | Envy of Stoney- broke | Master | Evascus of Page |
| | | | Page | Miss Naomi |
| ★ | Erica Revolce | Erica | Barbara 16th of Sunbeam | Black Prince of Sunbeam |
| | | | Envious Blackcap | Barbara 6th of Sunbeam |
| ★ | Erica Lee | Revolvee | B 6th | Excelsior Marshall 3rd |
| | | | Erivan's Lucy | Blackcap Lottie B. 9th |
| ★ | Erica Lee | Revolvee | Blackcap Revol. | Evascus of Page |
| | | | 28th | Erivan's Lucy |
| ★ | Erica Lee | Revolvee | Revolution 100th | Revolution 100th |
| | | | 9th | Black Rev. 2d of Strath. |
| ★ | Erica Lee | Revolvee | Revolution 95th | Revolution 95th |
| | | | 9th | Erica Elise |

H. R. BURDEN RANCH

ENNIS, TEXAS

HARRY B. BURDEN
Manager



ARVEL L. BAKER
Herdsman

of blue ribbons. During all his years of competition, he has fed nothing but Angus cattle.

This year's International inaugurated a new phase of competition in the carlot show, that for short-fed cattle. The grand championship was won by Warren H. Ahrens, Bennett, Iowa, on his load of light-weight Angus.

An exceptional record has been maintained by Angus in the carcass division of the Exposition. For the 44th time in 46 International contests, an Angus carcass has taken grand championship. The winning carcass, shown by B. F. and Howard Held, Hinton, Iowa, was from the same steer that had earlier won the grand championship award for best carcass steer on hoof. The reserve grand championship was also an Angus steer carcass, exhibited by Mathias Kassnel, Elkhorn, Wisconsin. The University of Kentucky, Lexington, consigned the reserve champion carcass steer on hoof. All other winning carcasses were from Angus steers.

Toby, the grand champion steer, sold for \$6.75 per pound. He was purchased by Triangle Packing Company for Dave's Market in Millburn, New Jersey. The total price was \$8,167.50. Mommson and Son's carload sold to High Low Foods of Chicago for \$57.50 per hundred. The load weighed 1,222 pounds. The price was the lowest paid for a champion load since 1943. Anstead's market of Lindsey, Ohio, purchased the champion load of shortfeds for \$38.25 per hundred. The load averaged 953 pounds.

Angus-Futurity Show-Sale to Louisville Again

THE American Aberdeen-Angus Breeders' Futurity Show and Sale for 1952 will again be held at the Kentucky State Fair Grounds in Louisville, Ky., on August 1 and 2. This is the same location as the past year's show, although the first three events were held at Keeneland Race Course in Lexington, Ky. This announcement was made by W. B. McSpadden, manager of the show.

"Due to a conflict with Keeneland's Annual Yearling Sales, a recent meeting of the directors of the American Aberdeen-Angus Breeders' Futurity voted to return the 1952 Futurity Show and Sale to Louisville, Ky. The decision was also made to have the 1952 show on a two-day schedule rather than three, which means that the judging will start at 9:30 A. M. on Friday, August 1, with the annual banquet that night; and the completion of the judging on Saturday, August 2, with the sale scheduled for early Saturday evening," stated Mr. McSpadden.

Selection of the time and location for the 1952 event was made early last year in order that there will be no conflict, nor any confusion, about where and when the show will be held.

McSpadden pointed out that although the final tabulation has not been made yet on the number of cows and bulls nominated, indications are that the 1952 event will probably be the greatest Futurity Show ever held.

**75th Annual Convention
TEXAS AND SOUTHWESTERN
CATTLE RAISERS ASS'N
Fort Worth, Texas, March 17-19, 1952**

SELLING at FORT WORTH FEB. 1st

BRADFORD MISS BURGESS 2nd 1333534

FAMILY NAME:

Calved July 16, 1930

Miss Burgess

**Bl. Peer 35th of Angus
Valley 1070903**

**Miss Burgess of Glyn
Mawr 93d 979046**

**Prince Sunbeam
105th 784582**

**Miss Burgess of
Sunnybrook 795045**

**Burgess 101st
717883**

**Miss Burgess 174th
647417**

***Pr. Sunbeam 29th
629408**

**Queen Peeras S.B.
525281**

**Errianna's Envious
Bon 595226**

**Maid 3d of Elmview
547204**

**Burgess 75th
607701**

**Miss Burgess 39th
442460**

**Revelation 11th
Miss Burgess-11th
390179**

****Bl. Pr. of Sunb.
Erica Marie of Sunb.**

****Bl. Peer of St. Al.
Queen of Sunb.**

****Env. Bkpr. B. 6th
Errianna B. 4th**

**Bkpr. Rev. 29th
Md. of Oakdale 25th**

**Revelation 11th
Miss Burgess 41st**

**Enkai 307465
Miss Burgess 10th**

**Revelation 7th
Bkpr. Empra. 5d**

**Burgess (Imptd.)
Bon. Md. Mulben
(Imptd.)**

Seldom do you see a pedigree with so many individuals coming from the Miss Burgess tribe.
A great pedigree . . . a great heifer.

Bradford's

**Registered
ABERDEEN-ANGUS
Cattle**

CLYDE R. BRADFORD and MERRILLA BRADFORD, Owners Address Route 2, Happy, Texas
Ranch Located 1½ miles west of Kafir Switch, off U. S. 57, halfway between Tulia and Happy

SELLING at FORT WORTH FEB. 1

- One Top Herd Bull Prospect—a two-year-old son of Prince Sunbeam 29th and out of a daughter of Prince Sunbeam 55th.
- Two Heifers—Bred to Prince Oldfield of Ferndale, 1951 Fort Worth Champion.

LOOK TO 4M...

for the best in Aberdeen-Angus

SAGINAW
TEXAS

Luther J. McClung
Registered and Commercial

MAIL
ADDRESS:
4306 BIRCHMAN
FORT WORTH
TEXAS



ABERDEEN-ANGUS CATTLE

LOCATED 5 MILES NORTH OF FORT WORTH STOCK YARDS, 2 MILES EAST OF SAGINAW
BILL LATHAM, Herdsman

Selling in the Aberdeen-Angus Sale at Fort Worth February 1

M. F. Evergood, a good headed, deep bodied daughter of Emulous of Stoneybroke 12th, he by Emulous of Stoneybroke. She was grand champion female at the Swisher County Fair and won her class at the Amarillo Tri-State Fair. She will sell open.

NORMAN McANELLY, TULIA, TEXAS

The Cattleman—Subscription rates: One Year, \$2; three years, \$5; five years, \$8; foreign, one year, \$4.

These Top Angus Sell AT FORT WORTH

★ In the Texas Angus Sale, February 1st, during the Southwestern Exposition and Fat Stock Show, Fort Worth, we will sell an outstanding Georgiana by Prince G of Sunbeam and a Lady Ida by Alford's Quality Prince.

★ In the Pens of Bulls division, we will show and sell one Pen of 3 Bulls.

Visitors Welcome

ALFORD'S Angus Farms PARIS TEXAS

Frank Isom, Manager • JESS ALFORD, Owner • J. C. Isom, Herdsman

SELLING TOP BULLS at FORT WORTH

We are showing and selling at Fort Worth (Jan. 25-Feb. 3) two pens of 3 Bulls—grandsons of Ever Prince of Sunbeam. These bulls are coming two-year-olds of excellent quality and uniformity.

SONDRA-LIN STOCK FARM FORT WORTH, TEXAS

J. V. HAMPTON,
Owner and Mgr.

Phone VI-2723
or NO-5453

2620 Stadium Dr., Fort Worth 4, Texas • At the ranch: Wid Crawford, Asst. Mgr.

SELLING at FORT WORTH in the SOUTHWESTERN

EXPOSITION and FAT STOCK SHOW SALE. We will sell two females. One is a full sister to the heifer we sold there last year for \$1,500.00. She will sell safe in calf since AUGUST 7, to our herd sire ALFORD'S QUALITY PRINCE 151st, a double-bred SUNBEAM. Also selling a nice BLACKCAP EMPRESS, a good individual, ready to breed to your good herd sire.

Chandler's Angus Farms, Nocona, Texas

All Progressive Ranchmen Read The Cattleman.

Livestock Meetings Scheduled During Fort Worth Stock Show

January 24, 7:30 p. m.—Annual Membership Meeting, National Cutting Horse Association, Fort Worth Horse Shoe Club.

January 28 (Noon)—THE CATTLEMAN Luncheon, Pioneer Palace, Show Grounds.

January 28, 7:00 p. m.—Texas Hereford Association, Texas Hotel.

January 29, 7:00 p. m.—Texas Polled Hereford Association, Worth Hotel.

January 30, 7:00 p. m.—Shorthorn Breeders Association, Texas Hotel.

January 31, 7:00 p. m.—Texas Aberdeen-Angus Association, Texas Hotel.

Mimosa Farms Aberdeen-Angus Dispersion

SUMMARY

| | | |
|------------|----------------|--------|
| 72 females | \$58,270; avg. | \$ 808 |
| 8 bulls | 9,820; avg. | 1,227 |
| 80 lots | 68,090; avg. | 851 |

BREEDERS from five states were listed among the buyers at the Mimosa Farms Aberdeen-Angus dispersion held at the plantation near Hughes, Ark., December 5.

Senator Joe E. Burgin, Buena Vista, Ga., purchased several animals, including the top bull, Cesor's Bardolier 9th, an outstanding herd sire, for \$4,600. Many of the heifers in the sale had calves at side by him and others carried his service. Bonniemere 17th, a grandson of Prince Sunbeam 44th, sold for \$1,850 to Scobey Plantation, Scobey, Miss.

Bliss Yancey, Marianna, Ark., was perhaps the largest buyer, taking home a number of the top females, including Ballylinda Jilt BD 5th, by Eileenmere 922nd at \$2,050 and Miss Erica 57th, by Oakridge Revemere 11th at \$1,525. Berry Brooks, Memphis, Tenn., paid \$1,400 for Miss Burgess BD 15th bred to Cesor's Bardolier 9th and Ames Plantation, Grand Junction, Tenn., paid a similar price for Witch of Twin Lake, with a heifer calf at side by Cesor's Bardolier 9th.

The sale was managed by Jim Draper. Roy Johnston and Ham James were the auctioneers.

Texas Aberdeen-Angus Transactions

Joe Benton, Nocona, Texas, sold three cows to A. M. Brownfield, Brownfield, Texas, two bulls to Buckner's Orphans Home, Dallas, Texas, and a bull each to H. O. Thompson, Plainview, Texas, and J. S. York, Spanish Fort, Texas.

T. A. Taylor sold six cows and three bulls to Woodrow Walker, and six cows and a bull to Tom B. Wofford, Jr., all of Athens, Texas.

E. D. Combs, Boerne, Texas, purchased 14 cows from Olson Bros., Wyanet, Ill.

Dr. C. R. Lees, Ft. Worth, Texas, bought 19 cows from A. H. Schmidt and Son, Kansas City, Mo.

B. E. Teague purchased three cows and two bulls from V. Holcomb, both of Graham, Texas.

**75th Annual Convention
TEXAS AND SOUTHWESTERN
CATTLE RAISERS ASSN
Fort Worth, Texas, March 17-19, 1952**

The Cattleman's

WASHINGTON ROUND-UP

By THE CATTLEMAN'S Special Washington Correspondent

Livestock Producers Face Feed Shortage—Carl H. Wilken, Iowa farm economist and economic analyst for the Congressional Watchdog Committee on Defense Production, has focused attention on a serious problem facing the Nation's livestock producers.

Wilken said the production of corn is not keeping pace with the nation's requirements for an expanded livestock population. Wilken's conclusion is supported by an announcement December 20th by USDA that there will be a 9 per cent reduction in the spring pig crop. This will mean a loss of more than five million pigs to consumers next fall. The Department also points out that during the past two years we have not produced enough tonnage of feed crops and have had to use part of the surplus created in 1948 and 1949 to feed livestock.

Government policies are unrealistic, Wilken said, because they encourage the diversion of corn acreage to other crops. Furthermore, OPS and USDA production and pricing policies for vegetable and animal fats and oils discourage production of cattle and hogs. Mike DiSalle has already hurt the livestock industry by ordering his staff to roll back tallow and grease prices again and hold them at levels barely exceeding OPA price levels. Low return on animal by-products re-

duces the incentive to expand livestock production.

Wilken pointed out that corn acreage over the period 1921 to 1935 averaged 101 million acres annually, but Secretary Brannan has established a 1952 corn acreage goal of only 89 million acres. At the same time Brannan has set a high soybean acreage goal of 13 million acres, even though soybean oil and other vegetable oils are in long supply. Wilken said at least five or six million acres of the proposed soybean acreage should be diverted back to corn to keep livestock and fats and oils prices in better balance.

Powerful Lobby Operates in Washington—It is generally believed in Washington that one of the most effective and powerful lobbies is the one operated by the three big soap companies. These companies are interested in cheap raw materials for the manufacture of soap and shortening. It is, therefore, to their interest to have 13 million acres—that used to be planted to corn—planted to soybeans. This will maintain a huge vegetable oil supply and will directly and indirectly depress the prices of all fats and oils including animal tallow and grease used for soap making.

A Department of Agriculture employee who does not want to be quoted said Secretary Brannan's goal of 89 million acres of corn in 1952 is obviously too low.

He said also that the soybean goal is too high and part of it should be diverted to corn. Nevertheless, he felt that the influence of the soap companies in the Department of Agriculture is too great to allow any modification of the soybean acreage goal regardless of the need.

OPS Not Ready to Decontrol—

Representatives of the food industry were polled at a meeting of food trade associations in Washington a few days ago on the question of price controls. It was the consensus of the group, which represents practically all food processors and food distributors, that controls are (1) not needed in the non-durable industries, (2) they are an unnecessary burden to the cost of doing business, and (3) they jeopardize the free enterprise system. It was thought by most people at the meeting, however, that OPS would try to keep controls in effect as long as possible, and that both political parties would be reluctant to take controls off in 1952.

The only associations represented at the meeting who advocated an aggressive fight in the first half of 1952 to knock-out controls were the meat and dairy groups. At the conclusion of the meeting one association leader said "It looks as if the government has done an effective job in convincing the people that they should give up their freedom."

When Eric Johnston resigned as commander of the nation's defense against inflation he left some good advice for DiSalle. He said direct wage and price controls should be dropped "at the earliest possible time."

"The only way this can be done is by adopting a firm policy on indirect controls," Johnston said in advocating greater reliance on taxation and credit policy. On

WE ARE CONSIGNING to the FORT WORTH SALE, February 1, 1952 FOUR CHOICE BANDOLIER HEIFERS

Two of these heifers are by Great Oaks Bandowix, an intensely bred Bandolier bull, and out of Hanes Eileenmere 2nd dams. One is by Ruffland Bardolier 7th, who is a grandson of Black Bardolier, and an Elegant Barbarian dam, who is also a granddaughter of Black Bardolier. You will find top Bandolier and Bardolier breeding in this heifer. And another one is by Elegant Barbarian who is a double bred Bandolier of Anoka bull and a Black Anchor Bandolier 2nd dam. These heifers will be bred to Black Baron 2nd of French Broad, a son of Cesors Evader Mercury, who was one of the great Bandolier bulls.

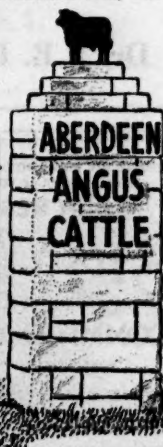


These are half sisters to some of our bulls which averaged
\$1,200.00 in our BULL PRODUCTION SALE
at San Angelo December 5, 1951.

Be Sure to Look These Heifers
Over Before the Sale

HENRY - JACK - JENE

REGISTERED
ABERDEEN-ANGUS
CATTLE



ELDORADO

11 Miles West on Ranch Road 33

TEXAS

MATHES

Registered Aberdeen-Angus Cattle

Charles E. Mathes, Owner
Harold Reynolds, Manager**K Stock Farm**

Located 2 Miles South of Arlington, Texas

THANKS TO★ **PHIL DUNKLIN**, Texarkana, for his purchase of four heifers.★ **M. C. MARTIN**, Dallas, for his purchase of five bulls.**FOR SALE***We have for sale at the ranch a number of top heifer and bull calves.***J BAR A FARM***Eileenmere Center of the Southwest***SELLING***a top grandson of Eileenmere 487th
in the Fort Worth Sale, Feb. 1st***J BAR A EILEENMERE**

1285969

Calved March 25, 1950

Dr. J. B. Reneau, Jr., Munday, TexasWE GIVE ALL SHIPMENTS, LARGE AND
SMALL, THE SAME SERVICE—**OUR BEST****Shirley**
LIVE STOCK
COMMISSION CO.

FORT WORTH, TEXAS

*Shirley Sales Service Satisfy***Navajo Rugs - Saddle Blankets**DIRECT FROM
NAVAJO
RESERVATION

Every blanket guaranteed to be strictly hand-made from pure virgin wool. Single saddles about \$9 x \$6 \$7.00—Doubles about 30 x 60 \$14.00, plus postage. Brightly colored stripes, no two alike.

J. B. STILES

Castle Butte Trading Post, Box 873, Winslow, Ariz.

earlier occasions he had said that, barring a world war, controls can be eased off about the middle of 1953.

Last September Johnston told the Food Chain Convention that OPS should de-control commodities as fast as they come into plentiful supply. This has occurred in several lines such as hides and tallow but DiSalle apparently does not share Johnston's views on decontrol, according to Washington observers.

Moore Brothers-Morgan, Lemley-Herman Allen Angus Bull Sale**SUMMARY**

82 Bulls \$91,650; avg. \$1,118

THE pace was fast in the Moore Brothers-Morgan & Lemley-Herman Allen Angus Bull Sale held December 5 at San Angelo, Texas, as the top quality offering of 82 bulls was sold by Colonel Ray Sims in two hours and five minutes for an average of \$1,118.

Sol Kelly, San Angelo, was the heaviest buyer in the sale, paying \$32,750 for 23 head. Included in the Kelly purchases were the four top selling bulls. He paid \$3,000 for a February, 1950 grandson of Emulous of Stoneybroke, and \$2,500 for a February, 1950 grandson of Eileenmere 487th, both owned by Morgan & Lemley. Also selling to Kelly for \$2,500 were a two year old son of Prince Revolution A Bar A and a February, 1950 grandson of Elburn of St. Albans owned by Moore Brothers.

Arvin and Harkins, Sanderson, Texas, paid \$2,100 for an April, 1950 grandson of Eileenmere 487th owned by Morgan & Lemley.

Although it was an unusually large offering, the bulls were of uniform high quality throughout and several of them were top herd sire prospects.

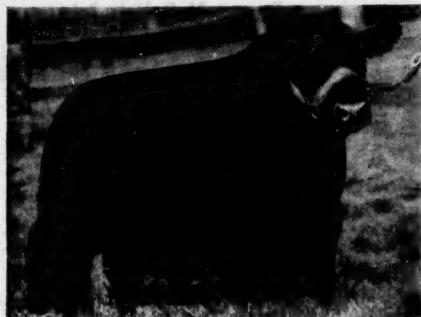
**A Bar A Angus Calves
To Illinois Feedlot****T**WO carloads of Angus feeder calves produced by artificial insemination have recently been shipped by the A Bar A Ranch of Encampment, Wyoming, to George A. Pitts, Bloomington, Illinois.

The sire of the feeders is a son of the well-known Angus bull, Eileenmere 487th, owned by Penney and James of Hamilton, Missouri. Eileenmere 487th, before he died in 1951, made a reputation as the "wonder bull" of the Angus breed, having produced hundreds of show cattle and champions.

The dams of these calves are from the same cow herd that produced the grand champion carload of fat steers at the 1951 International Live Stock Show in Chicago. The champion carload was bred by Kreycik Brothers, Willow Grove Land and Cattle Company, Wood Lake, Nebraska.

Pitts, who is the third generation of cattle feeders in his family, has stated that he has "never seen such outstandingly uniform feeder calves." He and the breeder, Andrew Anderson, have expressed their confidence that the young calves will finish into prime steers.

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Fort Worth, Texas, March 17-19, 1952**The Cattleman—Subscription rates: One Year, \$2; three years, \$5;
five years, \$8; foreign, one year, \$4.



Prince
← Sunbeam
702
He Sells!

★
Prince
Sunbeam →
713
He Sells!



Prince Sunbeam 702nd is a very deep bodied, thick, good boned, breeding son of the "29th" whose mother is out of the same cow as the "105th", the great breeding bull at Angus Valley Farms. His mother is sired by Barbarian of Rosemere 103rd, that sired the mother of "328th", the great breeding bull at Shadow Isle. This bull certainly should be one of the good breeding bulls of the "29th" that we are selling.

Prince Sunbeam 713th is another of the very typy, smooth, straight lined, well balanced sons of the "29th". His mother is a daughter of Reveiga, the great breeding bull who sired Prince Eric of Sunbeam's mother, making this bull a $\frac{1}{4}$ brother to Prince Eric.

SUNBEAM FARMS

Annual Sale ★ January 21st

at the Fairgrounds

MIAMI, OKLAHOMA

61 HEAD • 21 BULLS • 40 FEMALES

Featuring

PRINCE SUNBEAM 29TH

Through his get:

14 Sons, 4 Grandsons

10 Daughters, 16 Granddaughters

Write for Catalog:

SUNBEAM FARMS MIAMI, OKLA.

Sam C. Fullerton, Owner • Phil Ljungdahl, Mgr.

Sale Headquarters: Miami Hotel

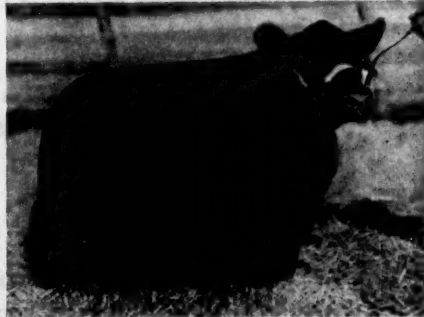
Blackcap Bessie 6th of Sunbeam is one of the greatest females that we have ever sold at Sunbeam Farms. She is a daughter of the "29th" and from one of the outstanding Blackcap Bessie cows of the breed. She is a show heifer that was just recently winner of the Summer Yearling Class of the International.



Blackcap
← Bessie
6th
of Sunbeam
She Sells!

★
Barbarosa
Sunbeam →
29th
She Sells!

Barbarosa Sunbeam 29th is the only Barbarosa heifer that we are selling this year. A very typy, deep bodied, thick, nice headed heifer whose mother is a full sister to Prince Sunbeam 400th, one of our chief herd sires at Sunbeam Farms.



1st ANNUAL SALE

JS ANGUS FARM

TULSA
OKLAHOMA



FEB. 23
1952

At the Fairgrounds

Featuring the get and service of
Prince 500th of Bates

★ Three Top Herd Bulls

Sons of Prince 500th of Bates, Black Peer 28th of AV, Revolution Prince 555th.

★ 55 Top Foundation Females

These females are from top families: Blackcap Bessie, Witch of Endor, Jilts, Maid of Bummer, Miss Burgess, McHenry Barbara, Ericas—and many others.

Cows with calves, bred cows, heavy springers, bred heifers, and a few top open heifers, all sired by top bulls. Eight heifers are by Prince 500th of Bates and 22 cows and 8 heifers are carrying his service. Seven cows and 3 heifers will be bred to our junior herd sire—Black Peer 3rd of Lewands, he by the Peer of Lake Albans, the Missouri University bull.

Ray Sims and Roy G. Johnston - Auctioneers

—FOR CATALOG WRITE—

JS ANGUS FARM

JOE E. STEED, 1335 East 37th, Tulsa, Oklahoma

THEO BURD, Herdsman, Route No. 1, Broken Arrow, Oklahoma

Ernest McCulloh Joins American Angus Staff

ERNEST N. McCULLOH, Grandview, Washington, recently joined the staff of the American Aberdeen-Angus Breeders' Association in Chicago, Secretary Frank Richards has announced. McCulloh, 23, will assist with field work and other activities of the national office.

Previous to his recent appointment, McCulloh was a beef cattle herdsman for the State College of Washington, Pullman. He received a bachelor of science degree in agriculture from the college in February, 1950. His major was animal husbandry.

McCulloh, son of Mr. and Mrs. Ernest McCulloh, Grandview, was reared on a farm. As a youngster, he was active in 4-H work and F. F. A. He has been a frequent exhibitor of Angus in the West.

McCulloh will make the Chicago office his headquarters.

Lawrence-Randolph County Angus Sale February 20

THE Lawrence-Randolph County Aberdeen-Angus Association will hold its first annual sale February 20 at Pochontas, Arkansas. The members of the recently organized association have consigned a high quality offering of fifteen bulls and fifty females, according to L. A. Sloan, Jr., president of the association.

Other officers of the association are Dick Jackson, vice-president and W. A. Dowell, Jr., secretary-treasurer.

Winter Feeding and Age At First Calving

THE results of a study to determine the influence of level of winter feeding and age at first calving on beef cows upon their reproductive performance was reported by O. O. Thomas of the Oklahoma Agricultural Experiment Station at the annual meeting of the American Society of Animal Production. In 1948, Thomas and his associates began this study with 120 beef heifers. These were pastured year-long on tall native grass and wintered at a low, medium or high level of nutrition. For the low nutrition level of wintering each animal received one pound of cottonseed cake per head daily. For the medium level, the winter feeding included two pounds of cottonseed cake daily the first year and two and one-half pounds per day thereafter. In the high level of winter feeding the feed was the same as for the medium level with three pounds of oats added daily per head.

One group of heifers on each level of wintering was bred to calve as two-year-olds, and the other group was bred to calve as three-year-olds. The first calf crop was 83 and 92 per cent respectively for the two groups. Heifers calving for the second time as three-year-olds produced as many calves as did those calving for the first time at this age. To date there has been no appreciable difference in birth or weaning weights of calves.

The Cattleman — Subscription rates: One year, \$2; three years, \$5; five years, \$8; foreign, one year, \$4. 410 E. Weatherford, Fort Worth, Texas.

Angus Valley Farms Sixth Annual Sale

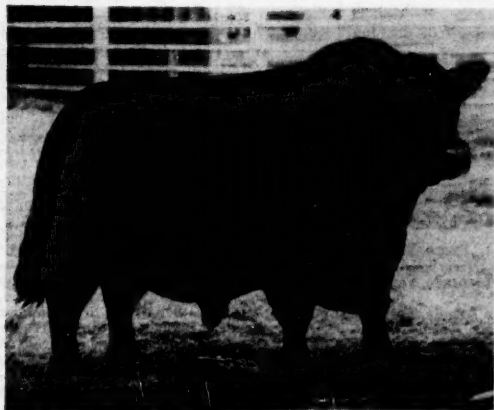
JANUARY 22, 1952

Last Call.....

BULLS! BULLS! BULLS!

The Right Bull for You Might Well Be in Our Sale Offering.

- 6 Top Sons of 105th
- 12 Top Sons of Black Peer 28th
- 1 Excellent Son of Prince Sunbeam 29th
- 1 Breedy Son of Prince Sunbeam 349th



BLACK PEER 28th of ANGUS VALLEY
in his working clothes

OR one of the 33 Bred Females in the offering could be carrying your Next Herd Sire, and there are 10 Open Heifers

Every one of these sale cattle were selected for the Breeding and Quality they possess, and we guarantee them in every reasonable way—AND we'll be here to back up the guarantee.

COME!

LOOK!

SATISFY YOURSELF!

Write for a Catalog and Reservation

ANGUS VALLEY FARMS

BOX 1710 ★ TULSA, OKLAHOMA

Jay P. Walker, Owner
Box 1710, Tulsa

Walter Willis
Breeding

Earl Dugger
Herdsmen

Ray Hardesty, Manager
Route 9, Box 575, Tulsa

Jay P. Walker Now President of Angus Breeders

JAY P. WALKER, Tulsa, Oklahoma, was elected president of the American Aberdeen-Angus Breeders Association at the annual meeting held in Chicago during the International Livestock Exposition. He succeeds Andrew Anderson of Encampment, Wyoming. Adlai H. Rust, Bloomington, Illinois, was elected vice-president.

Newly elected directors of the Association are Don C. Pollock, Unionville, Missouri; A. H. Spitzer, Jr., Pleasant Plains, Illinois; Harold A. Etling, Marshallville, Ohio; Elliott Brown, Rose Hill, Iowa; and Lee D. Butler, Supply, Virginia.

In presenting his annual report, Secretary Frank Richards pointed out that

during 1951, registrations totaled 138,896, a gain of 26 per cent over last year. Transfer of ownership totaled 117,515, an increase of 19 per cent over 1950. The 3,099 new Angus breeders becoming members of the Association represented a gain of 27 per cent.

Judges for Western Type Horses at Fort Worth Show

JUDGES of Western type horses for the Southwestern Exposition and Fat Stock Show, Jan. 25 through Feb. 3, were announced by President-Manager W. R. Watt as:

Cutting Horses: Robert H. Corbett, Breckenridge, prominent West Texas rancher, whose mare, "Housekeeper," was named 1949 World Champion Cutting

Horse; Frank Daws, Throckmorton, Texas, recognized as one of the outstanding cutting horse judges; Novis N. Rodgers, Snyder, Texas, cattleman with many years experience in ranching and working with cutting horses.

Quarter Horses: W. R. Cooper, Seymour, Texas, charter member of the American Quarter Horse Association and for many years official inspector for that association.

Palominos: R. H. (Harry) Lewis, Dallas, well-known exhibitor of all types of horses.

Twenty-six states, as well as the District of Columbia and Cuba, were represented by entries in the 1951 horse show. The exposition's assistant manager and horse show superintendent, Douglas B. Mitchell, says present indications are that the 1952 show will surpass those figures.

Approximately \$25,000 in premiums is offered.

Horse show events alternate with the world's greatest indoor rodeo in which nearly 400 cowboys took part in 1951, a record for a rodeo anywhere.

Amon Carter, Fort Worth publisher, is chairman of the Stock Show board.

CATALOG

Dudley Brothers, Comanche, Texas, report the recent purchase by Gay Howard of Marfa, Texas, of a Dudley junior yearling show bull, DB Larry Domino 14th, a son of JJ Larry Domino 7th. Howard also purchased a summer bull calf by WHR Royal Duke 107th to be delivered after the show season.

Carl B. King, owner of Kingford Farm Siloam Springs, Ark., recently presented to the animal husbandry department of the University of Arkansas a herd bull to be used in the development of better Herefords. The bull, WHR Helmsman 8th, was purchased at the 1945 Wyoming Hereford Ranch sale for \$10,200. He is a son of the Denver champion WHR Proud Princeps 9th, one of the only two sires of the breed to have four Register-of-Merit sons. His dam, WHR Vega Domino 137th, is a daughter of Star Domino 6th, also a Register-of-Merit bull.

Three prominent Coloradans were injured in a motor car-truck collision caused by icy highways near Evanston, Wyo., William J. Ross, Steamboat Springs, widely known Hereford breeder and livestock judge suffered a cracked vertebra and was hospitalized. J. F. Miller, Hereford breeder of Hayden and his daughter, Mrs. Lou Fulton, received broken ribs. The Coloradans were returning from the Ogden Livestock Show when the car Miller was driving went out of control on the icy pavement and skidded into the transport truck.

The Field Land and Cattle Company, composed of Mr. and Mrs. Tom Field, Mr. and Mrs. Freddie Field and Shirley Field, recently purchased at private treaty the entire Hereford herd of Fred B. Shaw, La Vega Ranch, Colorado Springs, Colo. The Fields also purchased 50 heifer calves from A. F. Field & Sons. Included in the Shaw purchase were 122 females, all of Banning-Lewis breeding with the exception of around 30 head sired by Royal Mixer 9th, a son of Baca R. Domino 9th. Bulls included in the deal were Colorado Mischief J 118th and two of his sons, Meadow Mischief 97th and LVR Domino Mixer 426th.

Thanks!

Our sincere thanks to all in attendance, all bidders and the following buyers at our combined bull sale Dec. 5th, San Angelo, Texas.

The 82 bulls averaged \$1,118

Buyers:

| | | | |
|--------------------|-------------------------|-------------------|-------------------|
| Bob Masterson | Truscott, Texas | Ted Harris | San Angelo, Texas |
| Sol Kelly | San Angelo, Texas | Hugh Brown | San Angelo, Texas |
| L. Brandenburg | Menard, Texas | M. E. Bryant | San Angelo, Texas |
| N. T. Busby | Merizon, Texas | C. B. Brooks | San Angelo, Texas |
| W. D. Sims | Snyder, Texas | Blake Alexander | Cuero, Texas |
| C. Q. Davis | Brownwood, Texas | Jess Roy | Eldorado, Texas |
| Frank Cargile | San Angelo, Texas | Edwin Mayer, Jr. | San Angelo, Texas |
| D. S. Ellis | Truscott, Texas | Willis Burke | Merizon, Texas |
| C. F. Stevens | Millersview, Texas | Arvin and Harkins | Sanderson, Texas |
| Ford Bowlware | San Angelo, Texas | J. B. King | Munday, Texas |
| G. B. Mays | Richland Springs, Texas | Vance Enbank | Roosevelt, Texas |
| Paul Davis | Midland, Texas | Nancy Hunt | Sonora, Texas |
| Tonnant Brown | San Angelo, Texas | Ed Money | Canyon, Texas |
| Mrs. Carra Simmons | Sonora, Texas | R. L. Vaughn | San Angelo, Texas |
| Lee Aldwell | San Angelo, Texas | C. G. Edgar | Christoval, Texas |

Moore Bros.
ELDORADO, TEXAS

Morgan & Lemley
SAN ANGELO, TEXAS

Herman Allen
MENARD, TEXAS

ORCHARD HILL FARMS DISSOLUTION SALE

JANUARY 23 • ENID, OKLA.

Offering 150 Lots

Top Angus: Bulls, Cows, Heifers, Calves

★ This sale is a dissolution sale of the Orchard Hill Farms herd of purebred Aberdeen-Angus Cattle. Sale to be held on Wednesday, January 23, 1952, beginning at 10:00 A. M. at Orchard Hill Farms, near Enid, Oklahoma.



PRINCE SUNBEAM 205th

Has been a featured sire at Orchard Hill. A full brother to Angus Valley Farms Prince Sunbeam 105th. An own son of Prince Sunbeam 29th from a dam by Black Peer of St. Albans. Many of his sons and daughters sell, numerous cows carry his service. A great opportunity for some herd. Sells as Lot 1.

● Sale will consist of 150 lots. This includes 64 cows, many of them with calves at side or close up to calving. There will be 52 1949, 1950 and 1951 heifers that were being prepared for the 1952 Production Sale. The heifers of breeding age will be in service to Prince Sunbeam 205th, Prince Sunbeam 81st, or Barbara Bandolier of Don Head. There will be a nice selection of open heifers.

● There will be 33 bulls, including Prince Sunbeam 205th, one of the leading sires at Orchard Hill Farms. He is a full brother to Angus Valley Farms' famous Prince Sunbeam 105th. The new owner of this bull will make a mighty step up the ladder as this is one of the more popular bulls of the breed.

● An outstanding feature of this sale will be the get and service of Prince Sunbeam 81st, a full brother to Lakewood Farms' highly regarded Prince Sunbeam 19th.

● Of the remaining 32 bulls some will be sons of Barbara Bandolier of Don Head. One of his sons is quite outstanding and should go to one of the top herds on this continent. The other bulls offered are sired by Prince Sunbeam 205th and Prince Sunbeam 81st. Numerous of these bulls are good enough to go to leading herds. A few of these bulls should do well in upgrading commercial herds.



BANDOLIER OF ORCHARD HILL

Here's a chip off of the old block, but the chip may be better than the block. A near perfect son of Barbara Bandolier of Don Head and from a dam by Prince Sunbeam 29th. An October, 1950, bull that any herd can use. We recommend him without reservation. Sells as Lot 2.

● Some of the bulls that have daughters selling in this sale are Prince Sunbeam 29th, Prince Elgon, Master Prince of Sunbeam, Prince Sunbeam 309th, Prince Sunbeam 81st, Prince Sunbeam 205th, Prince Lakewood 30th, Prince Envoy of Sunbeam, and numerous granddaughters of Black Prince of Sunbeam, Prince Sunbeam 29th, and Quality Prince of Sunbeam. Other bulls represented through their Get are Eileenmere 500th, Eileenmere 487th, Eileenmere 85th, Black Bandolier 2d, Envious Blackcap B 6th, and Blackbird Berry.



EVERMERE T. 3rd

A full sister to the International Grand Champion Evermere T. No. Evermere T. has sold for less than \$10,000 in the past two years. A 5-year-old cow and she will have a calf at side by sale time. Sells as Lot 36.

ORCHARD HILL FARMS ENID, OKLAHOMA

Doyle Cotton, Owner

- Auctioneers—Johnston, James, Sims and Good.
- George Kleier and Benny Scott for The Cattleman

For catalogs address:

J. B. McCORKLE, Sale Manager, 3500 A. I. U. Building, Columbus 15, Ohio

Attend the Sunbeam Week Sales Circuit, Sunbeam Farms, Miami, Okla., January 21,
and Angus Valley Farms, Tulsa, Okla., January 22.



ANGUS SALE

Offering

**80 FEMALES
20 BULLS**



This is the place for breeders to buy good young foundation cattle, not highly fitted but in good pasture condition ready to go to work.

Deadline for entries is February 1

Write JIMMY MYRICK, Sale Manager, Sulphur Springs, for entry blanks.

Dunraven Ranch

Registered Aberdeen-Angus

We don't know whether it is the quality or the price or a combination of both that has caused our bull sales to be so good, but regardless of the reason, we appreciate the way our bulls have been accepted.

If you want the strong big-boned type of fast growing Angus bulls for your commercial Angus herd or for use in a cross-breeding program, we think that we can fill the bill at prices from \$400 to \$600. We will be pleased to show our bulls at any time.

Visitors Always Welcome

Ranch Located Off U. S. Highway 281 Between Marble Falls and Burnet

JAMES C. TUCKER & SON, OWNER • BOX 60-A, MARBLE FALLS, TEXAS

ANGUS BULL CALVES FOR SALE

20 Weaning Age Registered Angus Bull Calves for Sale. They are Grandsons of Quality Prince of Sunbeam and Black Bardolier.

FOWLER FARMS, Rt. 1, Ninnakah, Okla.

The Cattleman—Subscription rates: One Year, \$2; three years, \$5; five years, \$8; foreign, one year, \$4.



C. A. Rapp & Son, Estelline, Texas, showed the champion bull at the recent New Mexico Aberdeen-Angus breeders show at Clovis, N. M. The bull Rappville's Eileenmere 2nd topped the sale at \$1,750, selling to Rancho Feliz, Berino, N. M. Left to right Jerrell Rapp and H. B. Morris, manager of Rancho Feliz.

Angus Herdsman School Held

THE Northeast Texas Aberdeen-Angus Association and East Texas State Teachers College sponsored the Angus herdsman school held December 14 and 15 at Commerce.

A very interesting and informative program was presented to the good sized crowd of Angus breeders and enthusiasts who attended the two day affair.

Subjects discussed by well known authorities were: Care of the Cow Herd, Herd Sires and Types, Feeds, Club Calf Programs, Market Classes and Grades of Slaughter Cattle, Pasture Improvement, Care of Show and Sale Cattle, Registering and Tattooing, and Common Diseases and Parasites. Two films, one illustrating the types of Angus cattle and the other dealing with the handling of livestock for market, were also shown.

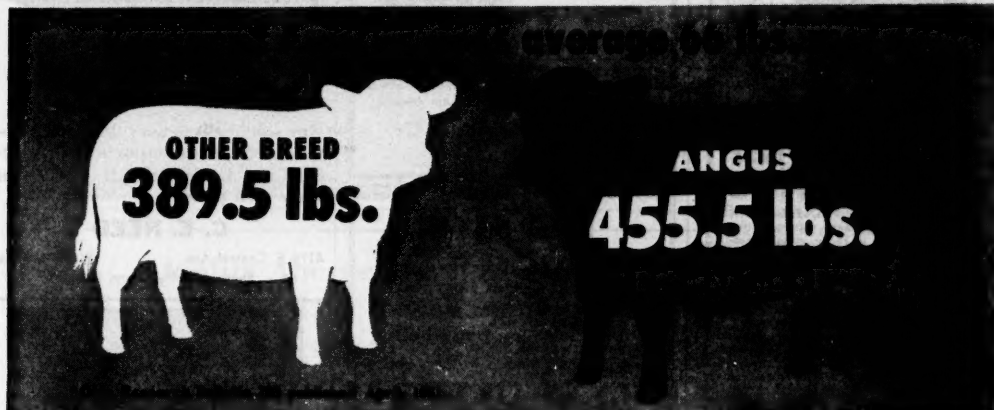
Speakers on the program included Dr. R. A. Rix, head of the Technical Agriculture at the college; Dr. J. C. Sowers, Dean of the College; Jess Alford and Tommie Stuart, President and Secretary, respectively, of the Texas Aberdeen-Angus Association; Carlton Corbin, Ada, Oklahoma; John Riggs, Texas A&M; Bill Cunningham, Greenville, Texas; O. B. Bradford, Agriculture Department at the college; A. L. Smith, Extension Beef Cattle Specialist, College Station; Leonard Afhdall, Dallas; Dr. John E. Wilkins, Veterinarian, Greenville; Buck Hughes, Professor of Animal Husbandry at the college; and Fred Ferreira, a student at the college from Paraguay, South America.

The topics discussed were timely and keen interest was demonstrated by the barrage of questions asked each speaker by the listeners.

H. E. Goodman, Dallas, President of the Northeast Texas Aberdeen-Angus Association, was program chairman.

**75th Annual Convention
TEXAS AND SOUTHWESTERN
CATTLE RAISERS ASS'N
Fort Worth, Texas, March 17-19, 1952**

8-year experiment shows Angus calves WEIGH MORE AT WEANING



In 8 continuous years of careful comparison by a leading state university between two major beef breeds involving 374 calves . . . ANGUS purebred calves outweighed purebred

calves of the other breed by 66 lbs. average at weaning time. Since all calves were fed and handled the same, this accurate experiment proves "Angus calves grow faster!"



"BLACKS HEAVIER AT WEANING," says Walter C. Ferguson of Laramie County, Wyo. "Since I started using Angus bulls my calves weigh 30 to 50 lbs. more at weaning and my heifers calve as 2-year-olds with very little trouble."



"ANGUS BULLS BOOST WEANING WEIGHTS," says J. L. Snyder of Grant County, Neb. "I run 1100 cows to produce feeders. I get a 10% larger calf crop by using Angus bulls and these calves weigh about 10% more when sold."

✓ CROSSBRED CALVES FROM ANGUS BULLS WEIGH 23.4 LBS. MORE, TOO.

Calves from cows of the other breed crossed with Angus bulls weighed 23.4 lbs. more at weaning than purebred calves of the other breed. However, these crossbred calves were still 42.6 lbs. smaller than the purebred Angus calves.

✓ **ANGUS COWS HAD SHORTER GESTATION PERIODS** than cows of the other breed. As a result, Angus calves were smaller at birth . . . yet fully mature, strong and active. They gained much faster . . . weighed more at weaning.

✓ **ANGUS COWS GAVE MORE MILK** than cows of the other breed in the test . . . another reason why Angus calves were heavier at weaning. Angus cows are excellent mothers . . . always alert and aggressive. They also have little trouble from snowburned udders.

✓ **ANGUS DRESSING PERCENTAGES HIGHER** Purebred Angus steers and heifers when finished dressed out more salable beef than purebred fat cattle of the other breed tested. They also yielded higher grading carcasses. That's why packers usually pay more for Angus fat cattle.

American Aberdeen-Angus Breeders' Ass'n

Chicago 9, Illinois

ABERDEEN-ANGUS

**"THE BREED WITH
A RECORD"**



ANGUS ARE BEST ON THE RANGE

● **HARDY, SUPERIOR RUSTLERS.** Alert, aggressive Angus range farther from water and higher in rocky, rugged pastures. They are excellent foragers, thriving in both hot and cold climates.
● **REQUIRE NO DEMORNING** because Angus are naturally polled. 95% or more of calves are polled when Angus bulls are crossed with horned cows.
● **NO CANCE EYE** and less pinkeys in Angus. Black cows are not bothered by sunburned or snowburned udders. For more information, write American Angus Ass'n, Chicago 9, Ill.
BETTER BUY BLACKS!

WHEATLAND FARMS

Aberdeen-Angus

Where Champions Are Bred



*Home of the famous "Reveremes,"
"Repeaters" and "Chimeras"*

You are invited to inspect our show herd at the shows and to visit the farm whenever possible.

We breed our show cattle and show our breeding cattle.

Seed Stock Always for Sale

JAS. B. HOLLINGER

CHAPMAN, KANSAS

ABERDEEN-ANGUS

Popular Bloodlines. Desirable Quality.
Attractive Prices.

CAPPS RANCH
TIPTON, OKLAHOMA

TINNEY'S ANGUS FARM

—Selling at Fort Worth—

● Nine good service age bulls in pens of three. All are grandsons of Black Prince of Sunbeam and out of good Sunbeam cows. ...

TINNEY'S ANGUS FARM
DENTON, TEXAS

FOR SALE

- 10 Registered Angus cows, calves at side or heavy springers. Ages 3-8 years.
- Also three top range bulls.

FLYNN STEWART

Phone 6051 ★ 554 Nacol Bldg.
WICHITA FALLS, TEXAS



Dr. and Mrs.
William M. Bailey

Registered
ABERDEEN-ANGUS
Cattle
TYLER, TEXAS

The Cattleman

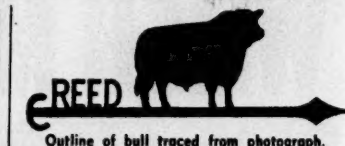
— Subscription rates: One year, \$2; three years, \$5; five years, \$8; foreign, one year, \$4. 410 E. Weatherford, Fort Worth, Texas.



C. A. RAPP & SON

ESTELLINE, TEXAS
Phone 2631

For Sale for April 15th delivery 100 choice bred Angus heifer yearlings. They will weigh 650 by delivery date and are the Hobson Dunn calves being raised near Ponder in Denton Co., Texas. These heifers will begin to calve about the 1st of July and are priced at \$300. They are located near Guthrie, Texas.



Outline of bull traced from photograph.

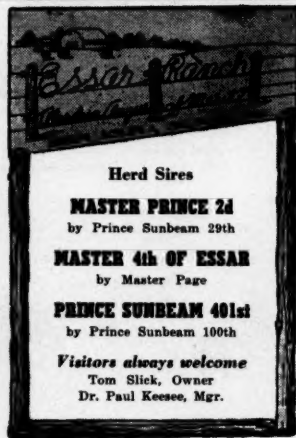
Registered

ANGUS SALE

Our sale on February 25th will provide buyers an opportunity to secure top BEEFMAKER ANGUS at their own price.

C. E. REED

4114 E. Central Ave. Wichita, Kans.
Phone 68313 — Farm 53868



Herd Sires

MASTER PRINCE 2d

by Prince Sunbeam 29th

MASTER 4th OF ESSAR

by Master Page

PRINCE SUNBEAM 401st

by Prince Sunbeam 100th

Visitors always welcome

Tom Slick, Owner
Dr. Paul Keesee, Mgr.

FOR SALE

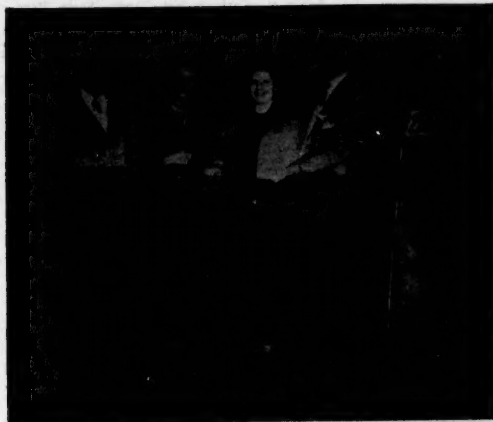
At this time we offer a carload of top yearling bulls for sale. They are grandsons of Eileenmere 500th, Eileenmere 585th, Bandolier of Anoka 3rd and Eileenmere 487th.

They are excellent bulls!

Farms located 3 and 6 miles west of Estelline on State Hwy. 86

LEWIS AND GOWDY

ARCH, NEW MEXICO
Phone 1400, Portales, New Mexico



A smiling group watches Bill Ljungdahl, manager of Shadow Isle Farms, Red Bank, New Jersey, present the grand champion Angus female of the recent International Live Stock Show in Chicago, Empress of Shadow Isle. Left to right are Mr. and Mrs. Armand Hammer, owners of Shadow Isle Farm, and Gen. and Mrs. L. J. Sverdrup, Hillside Farm, Washington, Mo., who purchased the heifer.—Photo by American Aberdeen-Angus Association.

Four Beef Breeds Hold Sales At International

FOUR major beef breeds held purebred sales during the International Livestock Exposition at Chicago at which breeders from several foreign countries and Canada made purchases and several records were established.

The top selling bull in the Aberdeen-Angus "Show Window" sale went to Argentina. The bull, Ever Prince MLF, consigned by Meadow Lane Farm, Van Wert, Ohio, sold to Hijos de Jose Firpo & Son, Buenos Aires, for \$7,500. The second top selling bull, Prince Erian of Den-Mor, consigned by Paul B. Dennis, Wilmington, Ohio, sold for \$4,200 to J. Omar Cole, Peru, Indiana.

The top selling female, Queen of El-Jon 8th, consigned by El-Jon Farms, Rose Hill, Iowa, sold to Oral Roberts, Tulsa, Oklahoma, for \$6,600. Jefferson Farms, Butler, Pennsylvania, paid \$6,100 for Gammer Ebland of Wesley, consigned by Ben Studer, Wesley, Iowa.

The 42 lots in the sale averaged \$2,587, with ten bulls averaging \$2,610 and 32 females averaging \$2,585.

In the Hereford sale at the International it was a female that set the top price. HC Belle Larry 8th, by HC Larry Domino 24th, consigned by C. A. Smith, Chester, W. Va., sold for \$6,500 to E. C. McCormick, Medina, Ohio.

Two bulls sold at \$3,000 each. HP Bacs Larry by Noe's Larry Domino 6th, consigned by E. F. Fisher, Romeo, Mich., went to Adolph Rupp, Lexington, Ky., and TR Zato Heir 74th, consigned by Turner Ranch, Sulphur, Okla., was bought by G. H. King, Jr., Canton, Miss.

Thirty-one lots averaged \$1,594, with ten bulls averaging \$1,568 and 21 females averaging \$1,606.

The Shorthorn sale set a new record when the grand champion bull of the show, Edwin Leader, owned by McCon Bros., Defiance, Iowa, sold for \$10,000 to Crown Crest Farms, Lexington, Ky. Josef Winkler, commercial cattleman of Castle Rock, Colo., whose fat cattle have won many championships at major shows, was a contending bidder.

The top female, Ringwell Orange Maiden, consigned by Ringwell Farms, Ringwell, Ill., sold for \$2,050 to Carson Gibson, Houston, Texas.

Ninety-six Shorthorns in the offering sold for an average of \$1,388, with 55 bulls averaging \$1,657 and 41 females averaging \$1,029.

Buyers from 13 states and Australia contributed to the highest Polled Shorthorn sale ever held in the United States. Thirteen bulls and 11 females brought an average of \$1,085.

Bruce Walker of Templemore, Young, New South Wales, topped the females in the purchase of Alcoe Perfection 19th, consigned by G. W. Symonds, Victoria, Ill., at \$2,000. He also bought Hilldale AC Spicy 3rd, consigned by J. W. Bennett, Oakville, Wash., for \$1,500.

Hilldale Collynie 40th, a half brother to the champion Polled Shorthorn bull of the International, consigned by J. W. Bennett, sold for \$2,500 to Charles P. Griffin and Elza and V. P. Spencer, Clinton, Ill.

Each little raindrop is a miniature bomb. It digs a little hole in the ground as it drops. That's why stubble that leaves trash on the surface will help prevent erosion. The trash breaks the force of the raindrop.

Quality Aberdeen-Angus Sale

February 27th • Sedalia, Mo.

Here's your opportunity to buy popular families bred to these top quality bulls

Eileenmere T-D 4000—1349739
Grandson of 487th
Homeplace Eileenmere 61st—1072285
Son of 487th
Homeplace Eileenmere D—997512
Son of 487th
Prince Sunbeam 213th—932051
Son of 29th
Prince Eric of A.C.F.—1246491
Prince Edgevale 56th—1223974
Son of 305th

For reservations or catalogues write

E. W. Thompson, Sedalia, Missouri

E. W. THOMPSON
Owner

JESSE L. DOWDY
Owner

MAID OF SUMMER
MCNENNY BARBARA
BLACKCAPS
LADY IDA
LUCY
JILT
EDWINA
BLACKBIRDS
MISSOURI BARBARA
BLACKCAP EXPRESS

MAID OF ABERDEEN
QUEEN MOTHER
MISS BURGESS
GEORGINA
ZARA
ERICA
ELBINA
ERIANNA
EVERGREEN
BLACKCAP BESSIE

HERD SIRES

RAONA'S PRINCE ERIC by Prince Eric of Sunbeam
PRINCE SUNBEAM 454th by Prince Sunbeam 29th

CAPROCK ANGUS FARM
WENDELL HARRISON • MEMPHIS, TEXAS
CLIFFORD FARMER • MEMPHIS, TEXAS
JACK SIMMONS • ABILENE, TEXAS
Phones 563-592 • MEMPHIS, TEXAS

Seventy-Fifth Annual Convention
TEXAS AND SOUTHWESTERN CATTLE RAISERS ASSOCIATION
Fort Worth, March 17-19, 1952

Livestock Judging Program

NATIONAL WESTERN STOCK SHOW

January 11-19, 1952

FRIDAY, JANUARY 11

9:00 a.m.—Grading Junior Steers—Stadium Arena.
12:30 p.m.—Collegiate Carload Judging Contest—Stockyards.

SATURDAY, JANUARY 12

8:00 a.m.—Junior Show Steers—Stadium Arena.
8:00 a.m.—Livestock Judging Contest—Coliseum Arena.
1:00 p.m.—Carloads Yearling Bulls—Stockyards.

SUNDAY, JANUARY 13

8:00 a.m.—Hereford Sale Cattle—Stadium Arena.
8:00 a.m.—Quarter Horses—Coliseum Arena.
9:00 a.m.—Angus Sale Cattle—Stadium Arena.
1:00 p.m.—Carloads Bull Calves—Stockyards.
1:00 p.m.—Angus 8 and 5 Bull Lots—Stockyards.

MONDAY, JANUARY 14

8:00 a.m.—Open Class Steers—Stadium Arena.
8:00 a.m.—Hereford Breeding Cattle—Stadium Arena.
9:00 a.m.—Palomino Horses—Coliseum Arena.
9:00 a.m.—Quarter Horses—Coliseum Arena.
9:00 a.m.—Open Class and Junior Show Wethers—Sheep Judging Ring—Exhibit Hall.
9:30 a.m.—Angus Breeding Cattle—Stadium Arena.
12:00 noon—Grand Champion Steer—Stadium Arena.
1:00 p.m.—Carload Feeder Yearlings and Heifers—Stockyards.
1:00 p.m.—Junior Show Barrows—Hog Judging Ring.
2:30 p.m.—Southdown Breeding Sheep—Sheep Judging Ring—Exhibit Hall.
2:30 p.m.—Open Class Barrows—Hog Judging Ring.
7:45 p.m.—Parade of Junior Show Champions—Coliseum Arena.

TUESDAY, JANUARY 15

8:00 a.m.—Shorthorn Breeding Cattle—Stadium Arena.
8:00 a.m.—Angus Breeding Cattle—Stadium Arena.

9:00 a.m.—Rambouillet, Corriedale and Columbia Breeding Sheep—Sheep Judging Ring—Exhibit Hall.

9:00 a.m.—Carloads Feeder Calves—Stockyards.
9:00 a.m.—Carloads Fat Cattle—Stockyards.
9:00 a.m.—Junior Carloads Fat Cattle—Stockyards.
9:00 a.m.—Carloads Fat Sheep—Stockyards.
9:00 a.m.—Carloads Fat Hogs—Stockyards.
1:00 p.m.—Hampshire and Suffolk Breeding Sheep—Sheep Judging Ring—Exhibit Hall.
7:30 p.m.—Best Ten Head—Angus Breeding Cattle—Coliseum Arena.

WEDNESDAY, JANUARY 16

8:00 a.m.—Hereford Breeding Cattle—Stadium Arena.
8:00 a.m.—Shorthorn Breeding Cattle—Stadium Arena.
7:30 p.m.—Best Ten Head—Hereford Breeding Cattle—Coliseum Arena.

THURSDAY, JANUARY 17

9:00 a.m.—Arabian Horses—Coliseum Arena.
7:45 p.m.—Best Ten Head—Shorthorn Breeding Cattle—Coliseum Arena.

LIVESTOCK AUCTION SALES

SATURDAY, JANUARY 12

11:00 a.m.—Junior Show Steers—Sales Pavilion—Stockyards.

MONDAY, JANUARY 14

1:00 p.m.—Quarter Horse Sale—Lamont Pavilion—Show Grounds.
6:30 p.m.—Hereford Sale—Lamont Pavilion—Show Grounds.

TUESDAY, JANUARY 15

9:30 a.m.—Hereford Sale—Lamont Pavilion—Show Grounds.

WEDNESDAY, JANUARY 16

9:00 a.m.—Carloads Fat Hogs—Hog Barn—Stockyards.
9:30 a.m.—Angus Sale—Individual Lots—Lamont Pavilion—Show Grounds.

9:30 a.m.—Carloads Fat Lambs—Sheep Barn—Stockyards.
10:30 a.m.—Grand Champion and Reserve Grand Champion Steers. Open Class Carloads Fat Cattle—Sales Pavilion—Stockyards.
1:00 p.m.—Junior and Open Class Barrows—Hog Judging Ring—Show Grounds.
2:00 p.m.—Angus 8 and 5 Bull Lots—Sales Pavilion—Stockyards.
2:30 p.m.—Open Class and Junior Wethers—Sheep Judging Ring—Show Grounds.

THURSDAY, JANUARY 17

9:00 a.m.—Carloads of Feeder Cattle—Sales Pavilion—Stockyards.
9:00 a.m.—Palomino Horses—Lamont Pavilion—Show Grounds.
FRIDAY, JANUARY 18
11:00 a.m.—Prize-Winning Junior Show Steers. Prize-Winning Open Show Steers—Sales Pavilion—Stockyards.

Winston Field Dedicated

WINSTON Field, Snyder County's new \$800,000 airport, was dedicated December 11 with ceremonies in which Maj. Gen. Samuel E. Anderson, commanding general of the 8th Air Force, with headquarters at Fort Worth, hailed the airport as an example of freedom for the individual and community enterprises "which is one of those we must preserve."

C. T. McLaughlin, former president of the Scurry County Chamber of Commerce, described the airport as a step in the right direction, but said "it reminds us of the many other improvements we need so badly."

Winston Field is named for Harrie and Wade Winston, cattle and oil men of Scurry County, on whose ranch the airport is located.

All progressive ranchers read
The Cattleman.

GRADUATE TO



Wranglers

REG. U. S. PAT. OFF.
JEANS, JACKETS AND SHIRTS



THE WESTERN JEANS TOP RODEO STARS HAVE SWITCHED TO!

Blue Bell Wrangler jeans,
jackets and shirts

- COST LESS
- WEAR LONGER
- SANFORIZED
- NO-SCRATCH RIVETS
- ZIPPER OR
BUTTON FRONT

Sizes for the whole family—boys
girls, youths, men and women!

Guaranteed the best made, best
fitting you can buy—or your
money back!

Bill Linderman. All-Around World Champion Cowboy*
1950, says:

"After wearing different kinds of Western jeans for years,
I've switched to Blue Bell Wranglers. I like the way
Wranglers fit. You don't have to shrink them to size.
And they're so tough they can take rough-and-tumble
rodeo wear. I wear Wranglers in the arena and out."

*RCA rating.

Here are some of the other All-Around World Champion
Cowboys who have switched to Blue Bell Wrangler
jeans, jackets and shirts:



Jim Shoulders
1949



Gerald Roberts
1948



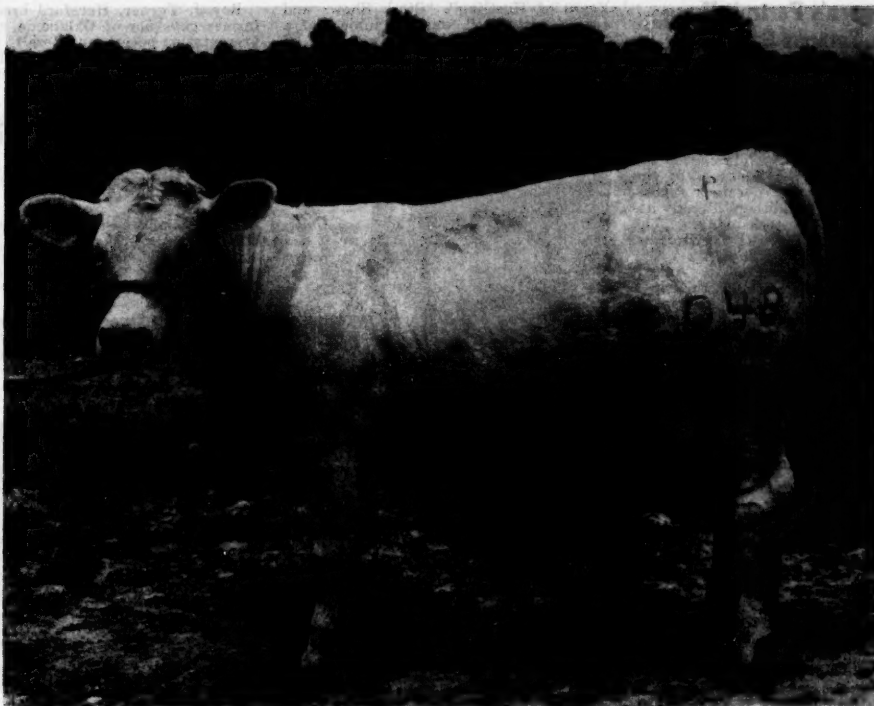
Todd Whitley
1947



Styled by
Rodeo Ben



BLUE BELL, Inc., Greensboro, N. C. WORLD'S LARGEST PRODUCER OF WORK CLOTHES



REGISTERED CHARBRAY HEIFER 6 MONTHS OLD

CHARBRAY

A Cross Between Charolaise and Brahman

3-4 Charolaise - 1-4 Brahman

7-8 Charolaise - 1-8 Brahman

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You May Purchase Registered Charbray From

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Bandera, Texas

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Rt. 1, Box 83
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Sid Smith
SV Ranch
Hempstead, Texas

L. O. Tarrant
3202 McKinney Ave.
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Thomas Ranch
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Turner Ranch
Weslaco, Texas

All Breeders Listed Are Members of American Charbray Breeders Ass'n, 111 W. 4th St., Weslaco, Texas

Thompson's Portrait Hung In Famous Gallery

COLONEL A. W. "ART" THOMPSON, the dean of livestock auctioneers, was highly honored by a gathering of friends in Chicago November 26 when his portrait was hung among many other notables in the famous gallery at the Saddle and Sirloin club at the Chicago Stock Yards. Sponsors of the portrait included major livestock exhibitions, publications and others directly associated with the livestock industry. The portrait was painted by Othmar Hoffler, widely known portrait painter.

Jack Turner, secretary of the American Hereford Association, with whom the "colonel" had worked for years, opened the ceremonies with a high tribute to a great livestock salesman and in turn called on others who spoke endearingly of the man who has done so much for the betterment of livestock.

Frank Harding, Jr., of Harding & Harding, livestock insurance representatives spoke in the place of his father, the late Frank Harding, breeder, importer and outstanding livestock authority who died last October. His subject was "Changing the Pattern." Charles Corkle, who for years has worked with Thompson, both as a ring man and as an auctioneer, spoke on "The Man With the Hammer." Charles E. Snyder, editor of the Chicago Daily Drivers Journal and a past president of the Saddle and Sirloin Club, talked on "Unification of Service Organizations". Frank Richards, secretary of the American Aberdeen-Angus Breeders Association, who also worked with Thompson in auctions for many years, had for his topic "Forty

Years of Hustling". "Stock Shows and Junior Activities", was the subject of a talk by John T. Caine III, manager of the National Western Livestock Show. Albert K. Mitchell, rancher and authority on livestock, spoke on "A Contribution to the National Picture" and Robert W. Lazear, manager of Wyoming Hereford Ranch, talked on "Preaching the Purebred Gospel."

Roy J. Turner, Hereford breeder and former governor of Oklahoma, made the presentation speech and Jess C. Andrew, president of the International Livestock Exposition, accepted the portrait for the Saddle and Sirloin Club.

Colonel Thompson said it was the greatest moment in his life as he expressed his gratitude to those who joined in doing him honor.



Colonel A. W. Thompson stands beside his portrait as Mrs. Thompson and their son view painting in gallery at Saddle and Sirloin Club at the Chicago stock yards.



HILL COUNTRY ANNUAL HEREFORD SALE



ANNUAL
SALE

QUALITY
HEREFORDS

SELLING
61 HEAD
52 BULLS - 9 FEMALES



FEBRUARY
14th

HILL COUNTRY HEREFORD ASS'N

E. S. HYMAN, Secretary

MASON, TEXAS

Announcing the 6th Annual

REGISTERED BRAHMAN SALE

Friday, FEBRUARY 8th

SALE STARTS AT 2:00 P. M.

HOUSTON FAT STOCK SHOW

HOUSTON, TEXAS

SELLING 23 HEAD FROM THESE CONSIGNORS

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| Alcide Dominique..... | Lafayette, La. | J. D. Hudgins..... | Hungerford, Texas |
| Kenneth Faour..... | Fairbanks, Texas | Lorin S. McDowell & Son..... | Big Spring, Texas |
| C. M. Frost..... | Houston, Texas | G. A. Parr..... | Alice, Texas |
| J. T. Garrett..... | Danbury, Texas | George Schattel..... | LaSalle, Texas |
| J. V. Gates..... | Poiet, Texas | Star Brand Cattle Co..... | Kaufman, Texas |
| A. P. George..... | Richmond, Texas | J. T. White..... | Hearne, Texas |

WALTER BRITTEN, Auctioneer

RANGE BULL SALE

Port City Stock Yards

Thurs., March 13th ★ HOUSTON

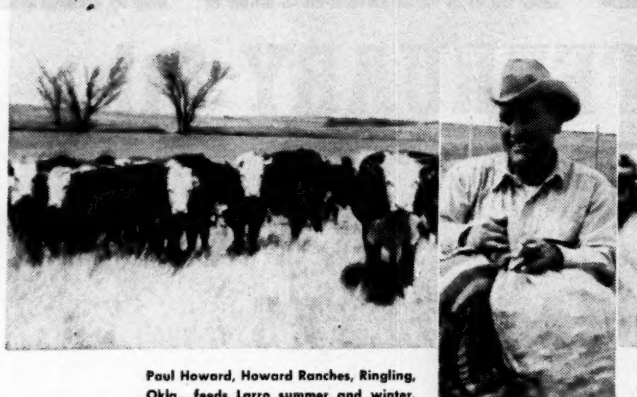
An offering of Brahman Bulls for the Commercial Rancher

For further information contact:

Houston Area Brahman Breeders Association

2711 Main St., Room 203, Houston, Texas

"Hair On The Larro-Fed Cattle . . . Looks Much Better . . ."



Paul Howard, Howard Ranches, Ringling, Okla., feeds Larro summer and winter.

"We have used Larro 32% Cattle Supplement for the past two years," writes Paul Howard of Howard Ranches, Ringling, Oklahoma. "We winter our range cows and yearlings on 2 lbs. per head a day on native Oklahoma grass. The only hay we feed is during a snowstorm or blizzard.

"This winter we have wintered about 800 cattle on the Larro

Feeds and about 200 on single protein source feeds. The hair on the Larro-fed cattle, at this date March 22, 1951, looks much better than the other cattle.

"We also feed steers the Larro cubes on grass through the summer and get good results. We are very pleased with Larro Feed and its results—summer or winter."



**32% CATTLE
SUPPLEMENT**

Address General Mills, Larro Feeds, Dept. 54
Minneapolis 1, Detroit 2, San Francisco 6, Kansas City 6



Buy at the Bulls-eye!

Western Horses Only to Show at Houston

THE horse show of the 1952 Houston Fat Stock Show, January 30 through February 10, is limited to western type horses only, Herman Engel, general manager, announces. It will feature Quarter Horses and Cutting Horses.

Approximately \$7,500 in cash premiums and entry fees will be awarded the champions to be judged by Orville Burtis of Manhattan, Kansas.

Quarter and cutting horses will arrive at the Coliseum January 28 and 29, in advance of the show.

The Quarter Horse show will be held January 30 through February 4. Judging of Halter Classes will be at 7:00 a. m., February 3, and Performance Classes will be judged February 4. Top winners of the fifteen At-Halter classes and three Performance classes will be paraded before the rodeo audience during the afternoon performance of February 3.

The Grand Champion Using Horse will be selected from those animals which have been entered in the At-Halter classes and all three events of the Performance classes. A beautiful trophy will be awarded by the American Quarter Horse Association.

More than 120 top Quarter Horses competed in the halter division of last year's show. "Jole Blon," exhibited by Glen L. Casey of Amarillo, Texas, took the grand champion mare trophy. "Smokey Bueno," shown by M. H. Anderson of Fenton, Louisiana, won the trophy for grand champion stallion.

Cutting horses will perform in contests held during each of the nineteen rodeo performances. Rodeo performances are scheduled each evening, matinees opening day, Saturdays and Sundays and special morning matinees on Saturdays. Two thousand dollars in premium money is being offered in the Cutting Horse Division by the show in addition to the entry fees.

The 1951 Cutting Horse Champion was "Sonny Boy," owned and ridden by Ed Bowman, Hook and Line Ranch, Falcon, Colorado.

Lester Goodson of Houston, Texas, is chairman of the Horse Show Committee; J. B. Fergusin of Wharton, Texas, is vice-chairman, and W. D. "Bill" Rhinehart of the Pin Oak Stables, Houston, Texas, is Horse Show Manager.

Heifer Brings \$13,000 at National Polled Hereford Sale

SUMMARY

| | | |
|------------|-----------------|---------|
| 43 bulls | \$ 99,125; avg. | \$2,365 |
| 42 females | \$9,540; avg. | 2,132 |
| 85 head | \$88,665; avg. | 2,220 |

A NEW world record price for a Polled Hereford female was established at the National Polled Hereford show and sale held at Denver December 8 when the champion heifer of the show, Helen Dandy Domino 1st, by Dandy Domino 69th, owned by Willford Scott, Chadron, Neb., sold for \$13,000 to Calvin Fowler, Franklin, Tenn. The champion female had previously placed at the top of the class for junior heifers.

The top bull, SRR Cody Anxiety by Super Anxiety, consigned by Scouts Rest Ranch, North Platte, Neb., sold for \$12,700 to V. O. Geiver, Bannar, Wyo.

Twenty-four Polled Hereford breeders from ten states were represented with consignments in the sale.



MW LARRY DOMINO 43rd

Announcing

OUR 6th ANNUAL SALE

FEBRUARY 25

Offering 15 Bulls ★ 35 Females

The entire sale offering will consist of the get or service of MW Larry Domino 43d, our good herd sire and son of Larry Domino 50th; out of MW Donna Domino 18th. This proved sire is winning unlimited popularity by his excellent breeding ability.

★ Featuring the get and service of the 43rd

★

We are happy to announce the recent purchase of this son of Baca R. Domino 33d; out of Supr. Lady Larry 17th. Ralph Freeman, as well as ourselves, thinks that "the 120th" is nearer a duplicate of "the 33d" than any of his other sons. I have kept up with this bull since a calf and have always wanted to own him, which is the main reason I paid \$21,700 for him in the recent Freeman-Graves sale. A few of the daughters of MW Larry Domino 43d that sell are bred to this bull.

★

Our offering this year featuring the get and service of MW Larry Domino 43d and sparked with the service of our new bull Baca Duke 120th is by far our best. There are 11 females bred to MW Larry Domino 43d and six or seven of his daughters bred to Baca Duke 120th selling. Most of the other females in the offering are sired by MW Larry Domino 43d.

★

You'll want a share of this Larry Domino offering, so plan now to come to our Sixth Annual Sale—February 25, 1952—by far our best offering!



BACA DUKE 120th 6224449

Calved February 17, 1950

| | | |
|----------------------------------|--|---|
| Baca R. Domino 33d 3698352 | { OJR Royal Domino 10th 2892596 Baca Miss Reality 8th 3136881 | { WHR R. Domino 51st WHR Donna Domino 63d WHR Reality 13th Lady Domino 199th |
| Supr. Lady Larry 17th 4626093 | { Larry Domino H 13th 3405632 Larry's Lady E 60th 3497446 | { Larry Domino 50th Josie R. Domino 1st Larry Domino 22d Bright Duchess 78th |

Write to us now for your copy of the sale catalog.

CEDAR LANE FARMS

GREENVILLE,
MISSISSIPPI

HAROLD COUNCIL, Owner

L. P. GARRETT, Manager

P. L. WESTMORELAND, Herdsman

Twenty-First Annual Sale of SOUTHEASTERN NEW MEXICO HEREFORD BREEDERS ASSOCIATION

Show and Sale ★ January 24-25

ROSWELL, NEW MEXICO

Sales Pavilion, Eastern New Mexico State Fair Grounds

OFFERING:

100 BULLS and 25 FEMALES

Sales Managers: Austin Reeves, Roswell, New Mexico, and Frank Crockett,
Roswell, New Mexico

STOCKMEN...

Fatten Your Cattle at

GREEN VALLEY

50 Head to a Trainload

Most modern feed lots in the Southwest. Scientific Formula assures higher gains. Good water. Covered pens. Veterinarian in charge of all animals' health.

GREEN VALLEY CATTLE COMPANY

SAN MARCOS, TEXAS SALE EVERY SATURDAY



KANSAS RANGE BULL SALE

Dodge City, Kansas

FEBRUARY 4th

375 HEAD

All Serviceable Age—most of them will be sold in
Pens of 3 and 5. 250 will be 2 years old in spring.

Write for Catalog

Kansas Hereford Assn.

STATE FAIR GROUNDS
HUTCHINSON, KANSAS

Quarter Horse Show Scheduled at San Antonio Exposition

SEVENTEEN halter classes and five performance classes have been scheduled in the Quarter Horse Show at the third annual San Antonio Livestock Exposition, to be held at Bexar County Coliseum Feb. 15-24.

A Quarter Horse cutting contest also has been included in the San Antonio exposition's horse show. First and second place winners in all halter and performance classes in the horse show will participate in a parade of champions on the closing day.

Fred W. Shield, San Antonio, prominent rancher, oil man and Quarter Horse enthusiast, is chairman of the horse show committee. His co-chairman is Gay Copeland, Sonora, president of the National Cutting Horse Ass'n.

George Glascock, Cresson, Texas, will judge the cutting horse contest. An invitation to judge the Quarter Horses has been extended to Percy Turner, Water Valley, A. B. Johnson, associated with the George Lyles interests, will be superintendent of the show.

The American Quarter Horse Association will award trophies to the grand champion stallion, grand champion mare, grand champion gelding, get of sire (consisting of three animals from one sire and from at least two mares, both sexes to be represented), and produce of dam (two animals any age, either sex, from same dam).

Entries deadline for the horse show is Jan. 21. Premium lists may be secured from W. L. Jones, Secretary-Manager, San Antonio Livestock Exposition, P. O. Box, 1746, San Antonio, 6.

Iowa Team Wins Meat Judging Contest

IOWA State College won the 22nd Inter-collegiate Meat Judging Contest at the International Livestock Exposition in competition with 19 other colleges and universities.

This victory gained for the Iowans its first leg on the National Live Stock and Meat Board trophy which must be won three times to be retained permanently.

The Iowa team coach was E. A. Kline of the college meats department and the team, all seniors, included Fred Bahrenburg, Harlingen, N. J.; Don Greiman, Garner, Ia., and Robert Kreiter, Davenport, Ia.

Iowa scored 2728 points out of a possible 3120. Only 18 points behind was the runner-up team from Oklahoma A. and M. College. Ontario (Canada) Agricultural College and the University of Missouri tied for third place with scores of 2678.

The remaining teams finished in the following order:—South Dakota State College, University of Wisconsin, University of Illinois, West Virginia University, University of Kentucky, University of Nebraska, Kansas State College, University of Minnesota, Michigan State College, Texas A. and M. College, North Carolina State College, Ohio State University, University of Massachusetts, and University of Tennessee (tied) Pennsylvania State College and Texas Technological College.

The Cattleman — Subscription rates: One year, \$2; three years, \$5; five years, \$8; foreign, one year, \$4. 410 E. Weatherford, Fort Worth, Texas.

The Cattleman—Subscription rates: One year, \$2; three years, \$5; five years, \$8; foreign, one year, \$4.

SOUTHWEST OKLAHOMA CATTLEMEN'S ASSOCIATION, Inc.

THIRTEENTH ANNUAL HEREFORD SALE



Selling 85 Head

61 BULLS ★ 24 FEMALES

February 6th

LAWTON, OKLAHOMA

Sale in the Fairground Bldg.

This offering includes a number of top herd bull prospects and replacement females.
Commercial ranchers will find an offering of real range bulls to fill their bull needs.
You name the price!

Consignors

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|-----------------------|---------------------|--------------------------|--------------------|---------------------------|--------------------|
| Melton Hereford Farms | Chickasha, Okla. | W. H. Whitten | Mt. View, Okla. | George Howes | Lawton, Okla. |
| Joe Lentz | Indianapolis, Okla. | Logan D. Hyder | Chattanooga, Okla. | Madford Howes | Lawton, Okla. |
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| J. Allen Thompson | Frederick, Okla. | T. H. McCalla | Chickasha, Okla. | Lester Hickey & Sons | Cloud Chief, Okla. |
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| S. S. Ferrell | Carnegie, Okla. | Watson & Love | Frederick, Okla. | G. T. Spencer | Elgin, Okla. |
| Cameron College | Lawton, Okla. | Holmesman Hereford Farms | Frederick, Okla. | Lamon Doye | Lawton, Okla. |
| H. C. Reynolds | Chickasha, Okla. | C. A. Kinder | Frederick, Okla. | River Road Hereford Farms | Chickasha, Okla. |
| Gordon Ferguson | Catcho, Okla. | Henry Payne | Chattanooga, Okla. | Bob Dawes | Lawton, Okla. |
| H. E. Bain & Sons | Chattanooga, Okla. | W. C. Hickey | Cloud Chief, Okla. | W. L. Vickary | Apache, Okla. |
| | | J. Morris Fulton | Frederick, Okla. | | |

For catalog write Vernon Howell, Cameron College, Lawton, Oklahoma

Shorthorn and Polled Shorthorn Breeds Enjoy Prosperity

PROSPERITY keynoted the year of 1951 for both purebred and commercial breeders of Shorthorn and Polled Shorthorn cattle. This prosperity accurately reflected greatly increased demand for the breed.

A year of unprecedented good business is indicated in record increases in registrations and transfers as reported in the annual fiscal report by the American Shorthorn Breeders' Association. A practical increase of 30 per cent in pedigrees brought the year's total to 62,616, of which 15,780 were for Polled Shorthorns. The 36,337 transfers represented an 18 per cent increase over 1950. Of the latter number, 8,959 were for Polled Shorthorns.

Increased prices for Shorthorns and Polled Shorthorns made the year an outstanding one with respect to dollar returns for breeders. During the year, 7,534 head, selling in 160 sales, for a total of \$4,060,354 established the record average of \$539, an increase of 26½ per cent over 1950. This average applied to all transfers for the year would mean a total of \$19,585,643 paid to association members. Memberships were up 16 per cent over 1950.

Midwest Leads Other Regions

The top ten states on the basis of total registrations, memberships and transfers are in the following order: Illinois, Iowa, Missouri, Indiana, Kansas, Ohio, Nebraska, North Dakota, Texas and Oklahoma. The only change in the first five states from the previous year resulted from Missouri replacing Indiana in third place.

Edwin Leader, champion Shorthorn bull, International Livestock Exposition, owned by McCone Bros., Defiance, Iowa, at extreme left and right. The bull sold for \$10,000, a new record for Shorthorns, to D. A. Patterson, R. L. Reminan and H. M. Reminan, owners of Crown Crest Farms, Lexington, Ky., pictured in center.



The year was a pace-maker literally from start to end. It began with a near clean-sweep of inter-breed awards at the National Western Stock Show in Denver and wound up with record-smashing sales at the International Live Stock Exposition in Chicago.

For the second year in a row at the 1951 Denver show, Josef Winkler, Castle Rock, Colo., had the grand champion carlot of feeder calves over all breeds. Cornelius Wolf, Remsen, Iowa, had the grand champion steer with his Commando. And the reserve champion load of fat cattle, exhibited by Phyllis Fiebig, Fort Morgan, Colo., proved Shorthorn performance when it dressed out at a higher percentage than the grand champion load.

Purebred sales were at record levels

all during the year, rising to a peak at its close. The 26th annual Edellyn classic at Wilson, Ill., in the spring brought an average of \$1,382 for 41 head, with top bull going at \$4,100 and female at \$3,000. Buyers came from 17 states, showing the vastness of interest among breeders in acquiring foundation stock from this famous herd. Higher top prices were paid at the Marellbar Farm invitational sale the following day. High-selling bull brought \$5,300 and female \$3,900. Forty-two head averaged \$1,328.

Big National Show in Omaha

Gateway to the West was the seat of the National Show and Sale this past year. The Ak-Sar-Ben livestock spectacle in Omaha brought out well over 300 rep-

BULLS

At the ranch we have for sale approximately fifty bulls, 13 and 14 months old. Most of them are by TT Proud Prince. They are extra good quality calves.

FLAT TOP RANCH

CHAS. PETTIT
Owner

WALNUT SPRINGS, TEXAS

BILL ROBERTS
Manager

"Dedicated to the Improvement of Herefords"

Sand Hills
HEREFORD and QUARTER HORSE
Show

MARCH 5, 6, 7 and 8
Odessa, Texas



Open to the World

**Bigger and Better than ever before! We fit into the Major Show
Circuit of Texas. When leaving San Antonio,
come to San Angelo . . .**

Then **COME TO ODESSA**

Registered Herefords
Official Quarter Horse Show
Boys' 4-H and FFA Hereford Steers
Boys' Fine Wool Fat Lambs
Registered Rambouillet Sheep

Four Nights of Entertainment
Liberal Premiums
Registered Hereford Sale
Club Steer and Lamb Sale
A Good Show and a Good Time

Featuring

REGISTERED HEREFORD SALE ON MARCH 8
50 - SELECTED HEREFORDS - 50

Walter S. Britten, Auctioneer • George Kleier, THE CATTLEMAN
For Sale Catalogs, Premium Lists and Entry Blanks, Write

SAND HILLS HEREFORD and QUARTER HORSE SHOW

Box 3187 • Odessa, Texas

representatives from some of the best known herds of Shorthorns and Polled Shorthorns in 13 states. It provided a show front to thousands in an area of relative fewer numbers of the breed. The sale brought out buyers from 12 states, with top-selling bull, a consignment of Edelyn Farms, going to Cross Brothers, Douglas, Wyo., commercial cattle producers, at \$2,000. They had lately been topping the Omaha and Sioux City markets with their feeder loads. Biggest buyer of the sale was also a Western man, J. S. Van Sant, Fresno, Calif., who paid up to \$1,000 each for 11 head. He was making up a carload.

The highest sale for the breed since the World War I period was the annual sale of Leveldale Farms, owned by L. E. Mathers and Son, of Mason City, Ill. Fourteen bulls and 34 females went through the auction ring at an average of \$2,687 to total \$128,976. Bulls averaged \$4,464, and females \$1,955. High-pointing the event was the sale of one bull at \$16,500 to John Alexander and Sons, of Aurora, Ill. Appropriately named Leveldale Good News, this sensational show-winning bull calf became the year's symbol for the expanding future of the breed. The price was the highest paid for a bull since 1919. Good News went on from championships and reserves at other major shows to the reserve championship at the International Live Stock Exposition.

Records Set at International

Still more records were established at the 1951 International sales. Highest Polled Shorthorn consignment sale ever held in the United States saw an average of \$1,085 for 13 bulls and 11 females. Buyers came from 13 states and Aus-

tralia. An Australian buyer, Bruce Walker, of Young, New South Wales, paid the two top prices for females, \$2,000 and \$1,500. Highest selling bull went at \$2,500. The Polled Shorthorn Society have scheduled their National Congress show and sale in Montgomery, Ala., next spring with a view to providing good specimens for the growing demand for Polled Shorthorns in the South.

The International Shorthorn sale was the highest ever held at the Chicago show. Top-selling bull, the show grand champion, Edwin Leader shown by McCone Brothers, Defiance, Iowa, brought \$10,000, or \$900 higher than the previous high. Crown Crest Farms, Lexington, Ky., made the purchases. Highest selling female sold at \$2,050. Top ten bulls averaged \$4,230, and top ten females \$1,585. Ninety-six bulls and females brought an over-all average of \$1,388.

Additional buying power of the commercial cattleman seeking choice herd sires was highly significant at many sales the past year and portended an ever-widening demand for registered bulls.

Range Men Buy Good Bulls

Not only did they dominate the National Sale at Ak-Sar-Ben but they were present at many other auctions. Josef Winkler bid as high as \$9,500 for the champion bull at the International sale, highest bid ever made by a commercial cattleman for a Shorthorn sire. He earlier in the year bought the top bull of the Blue Grass Futurity in Louisville at \$2,050. At the recent sale of the Western Shorthorn Association, Cross Brothers purchased the champion bull for \$1,675, while at the Nebraska Shorthorn and Polled Shorthorn Show and Sale at Co-

lumbus, the S and B Cattle Company, of Lone Pine, Calif., took 12 Shorthorns and 16 Polled Shorthorns. In short, it was apparent that the commercial man more and more valued the purebreds.

Large-scale range producers who sometimes complain that Midwestern purebreds are frequently over-fitted for use in the West, turned out in great numbers to the Red Bluff, Calif., Bull Sale on February 9 seeking range bulls that had been developed in the country in which they were intended for service. It hit a new record average of \$1,087 for 61 bulls. Top individual bull went at \$2,250, and top pen was sold as a unit for \$1,200 per head. Ninety per cent of the bidding and buying came from owners of commercial range herds, predominantly Hereford, the large majority of bulls going into crossbreeding programs. Buyers emphasized their desire for more weight in their calf crops and the need for more scale and capacity plus additional milk in the females resulting from these crosses.

Range Bull Project Show Sale

To meet the need of many commercial producers who want range-conditioned, performance-tested bulls, the American Shorthorn Breeders' Association started something new in the spring that had never before been done in the purebred business and attracted vast interest in the cattle industry generally. Termed the Shorthorn and Polled Shorthorn Range Bull Project, the program took consignments of bulls out of Midwestern herds and put them on the range country near Broken Bow, Nebr., on June 1. Costs of the project, which lasted till show and sale time on October 19 and 20, were

Amarillo Exposition & Fat Stock Show

PANHANDLE HEREFORD BREEDERS

36th ANNUAL

Spring Blue Ribbon Sale

Wednesday, March 5th



125 HEAD

95 BULLS, 30 FEMALES

9 Groups of 3 Bulls



Hereford Judging, March 3

Club Calf Show, March 4

Quarter Horse Judging, March 6

Club Calf Sale, March 7

Show Dates, March 3 thru March 7

For information, write: W. M. Gouldy, Mgr., Box 586, Amarillo, Texas

★ ★ ★ TRI-STATE ★ ★ ★

HEREFORD BREEDERS ASSOCIATION

Eighth Annual Show and Sale

**Herd Bull
Prospects**

**SHOW—
Feb. 12**

**Charles Reed,
Judge**

**Foundation
Females**



DOMINO LAMPLIGHTER 3rd
1951 Grand Champion Bull
Bred by J. L. and Deming Doak, Gladstone, N. M.

**100 Head in
97 Lots Sell**

**SALE—
Feb. 13**

**Jewett Fulkerson
and Gene Watson,
Auctioneers**

**Spacious,
Heated
Sales Arena**

"Show Window of Values"

CLAYTON, NEW MEXICO—FEBRUARY 12 & 13

CONSIGNORS

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Hershell Davidson & Son, Clayton, N. M.
Dennis & East, Texline, Texas
J. L. & Deming Doak, Gladstone, N. M.
M. L. George, Amistad, N. M.
Charles Gilbert, Clayton, N. M.
Harold Gilbert, Clayton, N. M.

Oscar Giles, Clayton, N. M.
Hellbusch-Sellman, Watrous, N. M.
E. N. Jeffers, Springer, N. M.
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Farrel Meeks, Dalhart, Texas
George Meeks, Logan, N. M.
Jimmie Meeks, Dalhart, Texas
Omer Meeks, Dalhart, Texas

Robert Meeks, Dalhart, Texas
Money Herefords, Rye, Colo.
Moore Ranch Co., Raton, N. M.
A. O. Pitzer, Felt, Okla.
San Isabel Ranch, Westcliffe, Colo.
Sellman Bros., Watrous, N. M.
E. R. Sutley, Amistad, N. M.
TO Ranch, Raton, N. M.
Blanche Toney & Sons, Clayton, N. M.
Thos. F. Turner & Son, Raton, N. M.
A. M. Van Dyke, Springer, N. M.
Mrs. A. M. Van Dyke, Springer, N. M.

For CATALOGS, Write
ED BRAY, Sec.
Clayton, N. M.

Presentation of Trophies at
THE ANNUAL BANQUET
FEB. 12—PLAN TO ATTEND

OSCAR GILES, President
Clayton, N. M.
ALFRED MEEKS, Sale Mgr.
Dalhart, Texas

NORTH PLAINS HEREFORD BREEDERS ASSOCIATION SHOW and SALE



February 11 and 12, 1952
PERRYTON, TEXAS



SELLING 60 HEAD
38 Bulls • 22 Females

DON GOOD, Judge

WALTER BRITTEN, Auctioneer

GEORGE KLEIER, The Cattleman

See our ad in The Cattleman next month for Consignors

For Further Information and Catalog

Write: HOOD WILLS, Secretary, Perryton, Texas



KANSAS RANGE BULL SALE

Dodge City, Kansas

FEBRUARY 4th

375 HEAD

All Serviceable Age—most of them will be sold in
Pens of 3 and 5. 250 will be 2 years old in spring.

Write for Catalog

Kansas Hereford Assn.

STATE FAIR GROUNDS
HUTCHINSON, KANSAS



Bonnie Butterfly, champion, Polled Shorthorn heifer, International Livestock Exposition, owned by C. B. Teegardin, Ashville, Ohio.

born on a pro-rated basis by consignors. Weights were taken on the bulls from time to time to determine rates of gain—perhaps the most transmissible characteristic out of bulls—and ratings were furnished buyers at sale time.

Bidders came from 20 states to purchase bulls, some wanting carloads. The 100 bulls sold for a total of \$51,040, the top 10 averaging \$1,137. Highest selling 60 bulls averaged \$620. Champion bull brought \$1,500. Many prospective buyers went away without purchases, and it was generally felt that 50 more high-quality consignments would have found eager bidding. Remarkable gains were recorded for the bulls off their grass and short grain ration—an average of two pounds daily, and one bull put on 3.75 pounds per day.

Feeder Prices Sensational

Feeder auction and market prices for Shorthorn and Polled Shorthorn cattle during the fall marketing season were nothing less than sensational.

The Association sponsored feeder sales at both Mobridge, S. D., and Billings, Mont., during October. Highlighting the Mobridge sale on October 16 was the average of \$44 paid for 400 heifer calves, with an extremely choice load selling at \$45.75. Top load of steer calves sold for \$46.90, with the 500 steer calves averaging \$44.

Still higher prices were brought at the Billings sale later in the week. The price of \$60 per cwt. for a load of 425 pound heifer calves established what then was a world's record, and the 200 heifer calves averaged \$50, highest on record and nearly \$6 higher than the Chicago Feeder Show average. Four hundred steer calves brought the average of \$46, the top load selling at \$51.80. Feeder prices at market established all-time highs at both Omaha and Sioux City during the season, one load of steer calves selling on November 5 at \$51.50, an open market record.

This great want for Shorthorn and Polled Shorthorn replacement cattle coincides with the complaints of many Cornbelt cattle feeders that there are not enough offerings of the breed to go around among them. The Association advises that greater range production of Shorthorns and Polled Shorthorns is needed to fill this overwhelming demand.

Free-flying birds are an "X" factor in livestock disease outbreaks. It is definitely known that wild birds can carry and spread many disease germs but it usually is impossible to prove they were responsible for any given outbreak.

Tomson Resigns as Secretary of Shorthorn Association

CLINTON K. TOMSON, Geneva, Ill., has resigned his post after serving nine years as executive secretary of the American Shorthorn Breeders' Association, Charles J. Lynn, Indianapolis, Ind., association president, has announced.

Allan C. Atlason, at present manager of the famed Edellyn Farms, owned by Chicago packer Thomas E. Wilson at Wilson, Ill., has been appointed to succeed him. He will take active charge of association affairs as soon as a qualified successor has been selected to carry on at Edellyn.

Tomson's resignation as secretary will allow him to accept a position as active partner of Frank Harding, Jr., son of the late F. W. Harding, in the firm of Harding and Harding, the country's Lloyd's of London pedigree livestock insurance firm and the largest import-export agency for livestock in the United States. He will have offices at the firm address at the Chicago stockyards.

Atlason assumes his new duties with a life-time experience with the Shorthorn breed. He was born in Pemberton, North Dakota, and early in life moved

to Washington, where he worked his way through Washington State College, graduating in animal husbandry in 1920.

After graduation, he assumed position of herdsman-helper at Haylands Farm, Sharpsburg, Ill., later becoming herdsman and then manager, succeeding L. E. Mathers when the latter went into active partnership with his brother at Leveldale Farms, Mason City, Ill. At the time of the merger of the Lespedeza and Haylands Farm herds, Atlason was given charge of a shipment of bulls which the American Shorthorn Breeders' Association exported to the Argentine.

Upon his return to this country, he assumed charge of the Indiana and Ohio farm properties of the John Hancock Life Insurance Company. In 1938 he came

to Edellyn Farms to assume general management upon retirement of the well-known John Dickson. While serving at Edellyn, he was twice president of the Illinois Shorthorn Breeders' Association.

Tomson's resignation became effective January 1. Frank Harding, Jr., states he will succeed the late Frank W. Harding in the partnership firm. His background is one of livestock breeding, feeding and promotion, having come from a pioneer Kansas family long active in the purebred business. The Tomson herd, Wakarusa, Kansas, recently marked its 65th anniversary. He has served as a judge in major livestock shows in this country and Canada. He twice judged at the big Palermo stock show in Argentina, and this spring will judge the Royal Easter show at Sydney, Australia, the first American to receive this honored assignment.

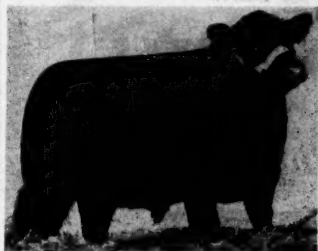
He is secretary of the National Society of Purebred Record Associations, president of the National Brucellosis Committee and secretary of the Joint Livestock Committee.

As of January 1, 1951, the world had 762,000,000 sheep, an increase of two per cent above the number on January 1, 1950. A further increase is forecast for January 1, 1952. Sheep numbers in the United States reached an all-time low in 1949, but have been increasing in the past two years.

Blood-sucking lice can make animals so weak and anemic that they may succumb to any minor illness or unfavorable environmental condition.



Allan C. Atlason



Hilldale Colonic 60th, champion Polled Shorthorn bull, International Livestock Exposition, owned by J. W. Bennett, Oakville, Wash.

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HOWARD-SOUTH PLAINS HEREFORD ASSOCIATION

8th Annual Sale

MONDAY, FEBRUARY 11th

West Texas Sale Barn

BIG SPRING, TEXAS

Selling

50 HEAD

Herd Sires • Herd Bull Prospects

Replacement Females • Fitted for Your Purpose

Cattle from our members' herds that were consigned to West Texas Sale, Sweetwater Sale and Brownwood Sale in December made an excellent average—Sale Champion at Sweetwater came from one of our member's herds.

*See the offering from our members consigned to the
Concho Sale, San Angelo, Texas, January 5*

Write for Catalog

HOWARD-SOUTH PLAINS HEREFORD ASS'N
BIG SPRING, TEXAS

LELAND WALLACE
President

REXIE CAUBLE
Secretary

TOM GARRARD
Asst. Secy.



KANSAS RANGE BULL SALE

Dodge City, Kansas

FEBRUARY 4th

375 HEAD

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STATE FAIR GROUNDS
HUTCHINSON, KANSAS

Charles J. Lynn Heads Shorthorn Association

CHARLES J. LYNN, Indianapolis, Ind., was elected president of the American Shorthorn Breeders Association at its annual meeting held in Chicago during the International Livestock Exposition.

Walter Watt, Cleveland, Ohio, was elected vice-president.

W. L. Lyons, Louisville, Ky., was elected a director to succeed D. M. Gregg, Harrisonville, Mo.

Other directors are: L. E. Mathers, Mason City, Ill.; Clinton K. Tomson, Geneva, Ill.; Autrey H. Caraway, De Leon, Texas; Homer Clausen, Spencer, Iowa; Dr. S. A. Donahoe, Sioux Falls, S. D.; Byron N. Hawks, Pullman, Wash.; and Harold W. Thieman, Concordia, Mo.

Cattle Feeding Trials

COMPARISONS of gains of steer calves and yearlings with different roughages fed during the wintering period and with a supplement added, were pointed out in a report presented by Dr. W. M. Beeson of Purdue University at the annual meeting of the American Society of Animal Production.

Dr. Beeson stated that in five feeding trials ground corn cobs, soybean straw, oat straw and corn silage or grass silage, were used as the sole sources of roughages in winter feeding trials. In addition each steer received minerals free choice (bonemeal, limestone, salt, iodine and cobalt) and 3.5 pounds per head per day of Purdue Cattle Supplement A. This supplement included a daily feed of 2.25 pounds of soybean meal, 1 pound of molasses feed, minerals, and a vitamin A and D concentrate.

The following daily gains were obtained in the case of the roughages when fed with supplement A: Ground corn cobs, 1.28 to 1.56 pounds; soybean straw, .78 pounds; oat straw, .78 pounds; corn silage, 2.06 to 2.21 pounds, and grass silage 2.01 pounds.

Thus the results showed the heaviest gains when silages were fed as the sole roughage, with oat straw and soybean straw giving the least favorable responses.

Lea County Hereford Sale

SUMMARY

| | | | |
|------------|----------|------|-------|
| 54 Bulls | \$31,435 | avg. | \$586 |
| 16 Females | 10,890 | avg. | 630 |
| 70 Head | 41,715 | avg. | 596 |

THE Lea County Hereford Association held its 12th annual sale November 29 at Lovington, New Mexico. Compact Prince 19th, a June, 1950, son of Compact Prince, consigned by Burns Hereford Farms, Lovington, sold at the top price of \$2,550 to H. F. Record, Monument, New Mexico.

The second top selling bull at \$1,550 was Domino Return 5th, a June, 1950, grandson of Domino Prince E. 26th, consigned by Millard and Scharbauer Eidson, Lovington. He went to the A. D. Jones Estate, Tatum, New Mexico.

The top female price of \$1,600 was paid by Virgil Linman, Hobbs, New Mexico, for a Burns Hereford Farms consignment, Mabel Domino 8th, a January, 1950, daughter of Compact Prince.

Another Burns Hereford Farms consignment, Miss Randal 2nd, by Compact Prince, went to the same buyer for \$900. Jewett Fulkerson was the auctioneer.

Houston Fat Stock Show Judges Announced

BBLUE ribbon decisions of the 1952 Houston Fat Stock Show will be made by eighteen judges, who will represent eight different states, including Texas, announced Ralph A. Johnston, president.

Those outside of Texas will come from Ohio, Iowa, Illinois, Missouri, Kansas, New Mexico and Oklahoma.

"In selecting our judges we have tried to get the most competent men of the nation for the job and we feel certain that they will have the wholehearted approval of our 1952 exhibitors," Mr. Johnston said.

John C. Burns, livestock consultant of Fort Worth, Texas, who is considered a "dean" in the show ring, will judge the Open and Club Fat Steer Divisions.

A. E. Darlow, head of the animal husbandry department of Oklahoma A. & M. College, Stillwater, Okla., will judge the Open and Club Fat Lamb Divisions.

W. T. "Bill" Reneker, representative of the hog buying department of Swift & Co., Chicago, Ill., will judge Boys' Fat Swine.

Wilbur Plager, field secretary of the Iowa Swine Producers Association, Des Moines, Iowa, will judge the Negro Boys' Fat Swine, Open Class Fat Swine and the Breeding Swine.

F. Z. Beanblossom, poultry marketing specialist of Texas A. & M. College, College Station, Texas, will judge the capons; E. D. Parnell, professor of poultry husbandry at Texas A. & M. College, College Station, Texas, will judge fryers, and W. J. Moore, associate poultry husbandman of Texas A. & M. College, College Station, Texas, will judge fat turkeys.

Claire Barclay of the John Deer Company, Waterloo, Iowa, will judge fat rabbits and breeding rabbits.

Herman Purdy, instructor of animal husbandry of Ohio State University, Columbus, Ohio, will judge Aberdeen-Angus cattle; Dr. J. C. Miller, head of the animal husbandry department of Texas A. & M. College, College Station, Texas, will judge Brahman cattle, and Don L. Good, assistant professor of animal husbandry of the Kansas State College, Manhattan, Kansas, will judge Herefords.

Harry Ackerman, Edellyn Farms, Wilson, Ill., will judge Shorthorns; H. A. Herman, department of dairy husbandry of the University of Missouri, Columbia, Mo., will judge open class Jerseys, and Roy L. Neely, associate professor of the dairy husbandry department of the Texas Technological College, Lubbock, Texas, will judge the Junior Dairy Show.

R. O. Sheffield, rancher of San Angelo, Texas, will judge fine wool sheep, and Roy B. Warrick, rancher of Oskaloosa, Iowa, will judge medium wool sheep.

C. F. Hay, poultryman of Albuquerque, N. M., will judge breeding poultry, and Orville Burtis, Manhattan, Kans., will judge Quarter and Cutting Horses.

Fat and market animals will be judged January 30 through February 3; breeding animals will be judged February 4 throughout the remainder of the show. Cutting horses will be judged during each performance of the rodeo.

The Cattleman — Subscription rates: One year, \$2; three years, \$5; five years, \$8; foreign, one year, \$4. 410 E. Weatherford, Fort Worth, Texas.

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WHR Symbol 80th
Greenhill Larry 22nd
Stan-De Cascade

SD Elite Helmsman
Flashy Royal 2nd
WHR Version 17th
U Royal Mixer 36th

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TT Royal Triumph

HEAT TEMPERED Herefords

Herefords of TOP BLOODLINES
raised under practical conditions,
ACCLIMATED to hot climate



STRAUS ROYAL DOMINO 1st by TT Royal Triumph, pictured, and TT MISCHIEF by Junior Mischief are our two herd sires. Straus Royal Domino 1st is a full brother to Madina Triumph 35th, Reserve Champion bull at the recent Pan-American Hereford Show, Dallas. We would be pleased to have you visit us any time.

Southwest Texas Hereford Ranch

CARRIZO SPRINGS, TEXAS EDWARD O. GARDNER, Owner



KANSAS RANGE BULL SALE

Dodge City, Kansas

FEBRUARY 4th

375 HEAD

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Kansas Hereford Assn.

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HUTCHINSON, KANSAS

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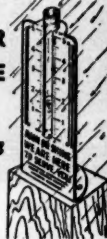
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pects for the registered herd. A few
choice females for sale at all times.

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J. D. SHAY
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Herefords in South Texas

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DOMESTIC MISCHIEF 6th

DOMESTIC WOODROW

WOODROW MISCHIEF 2d

Let us show you their sons and daughters.

R. A. HALBERT

SONORA, TEXAS

REGISTERED POLLED HEREFORDS

At this time we are pleased to offer a group
of excellent calves—bulls and females, herd
sire prospects and foundation females for the
most discriminating registered herd, or range
bulls for the commercial breeder. They are
smooth, well marked, with excellent polled
heads, yet rugged cattle produced under nat-
ural range conditions, reasonably and sensibly
priced.

THE W. R. JOHNSON

Polled Hereford Ranch
Jacksboro, Texas



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Herd Bull Prospects and
Good Quality Range Bulls

M. E. Fry & Sons - Cisco, Texas

Hill Polled Hereford Ranch

Herd Sires, T. Mellow Conqueror 2d,
Comprest Domino A, Don Domino, H.
Royal Rollo 3d, H. Prince Rollo 2d,
Aztec Domino 3d, Domino D. Blanch-
ard 50th and Bonnie Lad.

FAIRFIELD, TEXAS

WINKEL'S POLLED HEREFORD RANCH

Herd Sires

HHR Domestic Mischief 297th

Woodrow Domestic — Domestic Anxiety 42nd
Woodrow Mischief 62nd — Domestic Star 83rd

J. W. WINKEL

R. F. WINKEL

Llano, Texas

POLLED HEREFORD CATTLE

HERD BULLS

Rollo Mischief 1st, 3878303-195644

Plato Domino 57th, 4768401-265570

These bulls are used on cows of WOODROW
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We always have something for sale.

J. G. GOLIGHTLY

NICO, TEXAS

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This Sign
Up . . .



Keep
Theft Losses
Down!

O'Bryan Ranch Polled Hereford Sale

SUMMARY

| | | |
|------------|----------------|--------|
| 48 Bulls | \$20,665; avg. | \$4231 |
| 69 Females | 49,519; avg. | 718 |
| 115 Head | 70,175; avg. | 609 |

THE annual O'Bryan Ranch Polled Hereford sale was held November 17 at Hiattville, Kansas.

Topping the sale at \$3,000 was Eureka Beau Queen, a junior yearling daughter of HSF Beau Domino 2nd. Double E Ranch, Senatobia, Mississippi, was the successful bidder on this good heifer.

E. E. Schmidt, Eldorado Springs, Missouri, paid \$1,515 for O. Lady Domino 44th, by ALF Choice Domino 11th, and C. K. Mousel, Edison, Nebraska, got her half-sister, O. Patty Domino 31st, on a bid of \$1,500. Green Top Hereford Farm, Green Ridge, Missouri, paid the same price for Bonnie Duchess 20th, a two year old daughter of Bonnie B. Domino 1st.

Top seller in the bull offering, which consisted mostly of senior and junior calves, was O Choice Domino, a senior calf by ALF Choice Domino 11th. He sold to Earl Allen, Walker, Missouri, for \$900. His half brother, O. Choice Domino 9th, sold to A. D. Fowler, Morrison, Oklahoma, for \$700.

Jewett Fulkerson and Gene Watson were the auctioneers.

Texas-Oklahoma Hereford Breeders Sale

SUMMARY

| | | |
|------------|-----------------|---------|
| 40 Bulls | \$ 65,790; avg. | \$2,145 |
| 24 Females | 43,393; avg. | 1,804 |
| 64 Head | 129,093; avg. | 2,017 |

THE highest average return in the annals of purebred Herefords in Texas was set November 30 at the Texas-Oklahoma Hereford Breeders Association sale held at Wichita Falls, Texas.

The top selling bull, and grand champion of the preceding show, Dan Larry D 4th, a two year old son of TO Dan Domino 11th and out of an MW Larry Domino 30th cow, was consigned by Bridwell Hereford Ranch, Wichita Falls and sold to Lazy S Hereford Ranch, Springer, Oklahoma for \$8,200.

The second top selling bull was Larry Triumph 2nd, a January, 1950 son of WHR Royal Duke 41st, consigned by Payne and Seay, Waurika, Oklahoma. He went to Bruce Parks, Clifton, Texas on a bid of \$6,000.

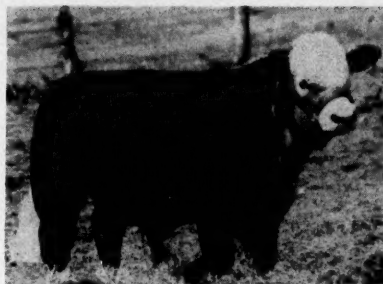
Lonnie Rooney, Wilson, Oklahoma paid \$5,750 for EG Proud Mixer 201st, a January, 1951 son of WHR Proud Mixer 21st, consigned by Hardy Grissom Ranch, Abilene, Texas.

Topping the female sale at \$7,500 was the champion of the show, Larry's Lady M 74th, a two year old daughter of Larry Domino 106th, consigned by Bridwell Hereford Ranch. Thurber and Herschede, Sonoita, Arizona, bought this top heifer.

The reserve champion female, Bells Rosette 58th, a January, 1950 daughter of WHR Resolute 55th, consigned by Payne and Seay, went to the same buyer at \$4,000.

Auctioneers were A. W. Thompson, Jewett Fulkerson and A. W. Hamilton.

The Cattleman — Subscription rates: One year, \$2; three years, \$5; five years, \$8; foreign, one year, \$4. 410 E. Weatherford, Fort Worth, Texas.



GHR RETURN MISCHIEF 23rd

GHR RETURN MISCHIEF 23rd

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Advance Return

GHR Lady Wood 401st

Flat Top Return

Blanche 53rd

Advance Woodrow 6th

Miss Lucie 1st

(R. Prince Domino R 164th

Princess Domino E 185th

Advance Domino B

Blanche Mischief 87th

Woodrow 29th

Dulcie Mischief 186th

Beau Bonnie 136th

Miss Lucie G

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CABLES: MARDEN

W. A. Anderson Heads Anxiety Hereford Breeders

W. A. ANDERSON of Lovington, New Mexico, was elected president of the Anxiety Hereford Breeders Association at its annual meeting held at Amarillo December 9.

Judge Charles Lewis, Sweetwater, is secretary of the association and Jimmy Dulaney, also of Sweetwater, is treasurer.

Clay County Hereford Breeders Sale

SUMMARY

| | | |
|-----------|----------------|-------|
| 38 Bulls | \$26,995; avg. | \$694 |
| 5 Females | 3,650; avg. | 730 |
| 43 Head | 29,655; avg. | 690 |

NW PRINCE MIXER 37th, a May, 1950, son of RS Princeps Mixer and champion sale bull, sold for \$2,225 to top the Clay County Hereford Breeders 14th annual sale held December 6 at Henrietta, Texas. He was consigned by Northwoods Stock Farms, Fort Worth, Texas, and went to Mayfield and Son, Joy, Texas.

B. L. Wynn, Troy, Texas, paid the second top price of \$1,270 for Hoosier Larry 9th, a two year old son of HC Larry Domino 36th, consigned by Colbert Hereford Ranch, Mill Creek, Oklahoma.

The reserve champion sale bull, H. Royal Domino 1st, consigned by Arledge Ranch, Seymour, Texas, sold to R. E. Morris and Son, Seymour, on a bid of \$1,000.

The champion female of the sale, Princess Larry 4th, a May, 1950, daughter of Don Larry 7th, consigned by George Keith and Sons, Wichita Falls, Texas, sold to Colvert Hereford Ranch for \$1,060 to top the female sale.

Sidney Winchester, Munday, Texas, paid \$790 for Royal Larry Ann 8th, a September, 1950, daughter of Royal Larry Domino, consigned by Ralph Morgan, Wichita Falls.

Walter Britten sold the offering.

Brownwood Hereford Sale

SUMMARY

| | | |
|------------|----------------|-------|
| 59 Bulls | \$35,465; avg. | \$611 |
| 17 Females | 9,918; avg. | 583 |
| 75 Head | 45,375; avg. | 605 |

WB LARRY PUBLICAN 1st, an October, 1950, grandson of Best Publican 50th and out of a Larry Domino dam, consigned by W. B. Barret, Comanche, Texas, sold to Dr. H. A. Wimberly, San Angelo, Texas, for \$2,500 to top the Brownwood Hereford Association sale held at Brownwood, Texas, December 13.

The second top of \$1,800 was paid by Wiley McClatchy, Bangs, Texas, for RC Flashy Duke 2nd, by WHR Regality 65th, consigned by Ray Gamble, Blanket, Texas.

Real Gwen Prince, a November, 1950, son of Real Gwen Return, consigned by McBride Brothers, Blanket, Texas, sold to Dub Harvey, Sweetwater, Texas, for \$1,500.

The female top of \$935 was paid by H. A. Perry, Odessa, Texas, for Miss Duchess Gwen, a September, 1950, daughter of Real Gwen Return, consigned by McBride Brothers.

Ernest Windham, Baird, Texas, paid the second female top of \$770 for PD Princess 24th, a January, 1950, daughter of TO Princeps Domino 2nd, consigned by Porter J. Davis, Cross Plains, Texas.

Walter Britten was the auctioneer.

Dean W. L. Stangel Honored

W. L. STANGEL, Dean of Agriculture at Texas Technological College at Lubbock, has been named 1951 "Man of the Year" in Texas agriculture by The Progressive Farmer magazine.

Editor Eugene B. Butler announces the award in the January, 1952, issue of The Progressive Farmer, and cited Dean Stangel for his 35 years' service to Texas livestock and agriculture.

"All through the years," the article about Dean Stangel says, "Dean Stangel has persistently, aggressively advocated that livestock should be balanced with crops in a sound farm management program. . . . Stangel has run experiment after experiment to prove that money could be made feeding cattle, hogs, and sheep on grain sorghums, the 'corn of the Plains.'"

The Dean has also, the magazine points out, made a fine contribution to Texas agriculture through his long-time interest in livestock shows. "Thousands of anxious boys and girls have watched the dean as he ran his experienced hands over their fat steers, backed off, cocked his head to one side, rolled his cigar in his mouth, and then surely waved the animals to their places.

Stangel doesn't jibe with the usual mental picture of a dean, says P. F. You'll find Dean Stangel in a white Texas hat, cowboy boots, and more than likely weighing or judging cattle. "In fact, Texas Tech people figure that if they ever wanted to get rid of the Dean, the best method would be to make him stay at his desk."

He was born in Stangelville, Wis., Aug. 16, 1889. He went to work as an electrician after graduating from North Side High School in Fort Worth in 1910. With \$700 in savings he enrolled in agriculture at Texas A. & M. College in 1911. For a reason unknown to him to this day he "took to" livestock. Four years later he left A. & M. with a degree in animal husbandry. Then followed a year at the University of Missouri, where Stangel earned a Master's Degree and the quick acceptance of an offer to return to Texas A. & M. as an instructor in animal husbandry. In addition to his teaching work at A. & M., Stangel served as coach of the livestock judging team. His 1919 team won the International Livestock Show contest, the last time a Texas A. & M. team has won this highly coveted judging award.

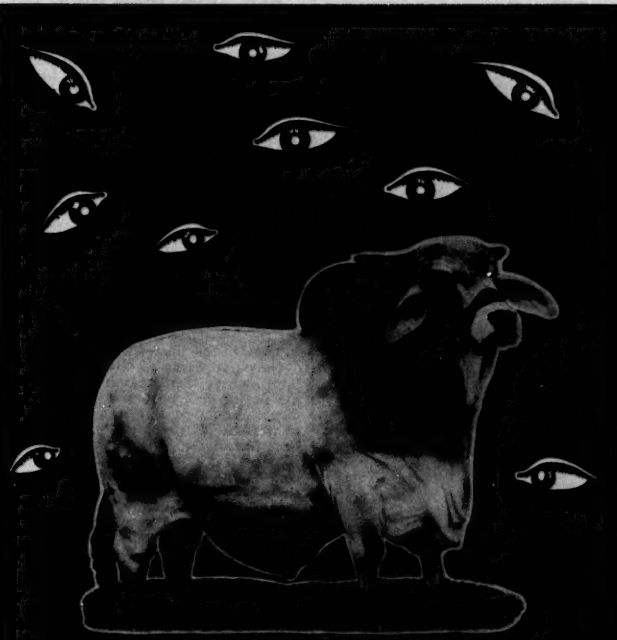
"However, Stangel's service to Texas agriculture started in earnest in 1925. That was the year he took a job as head of the animal husbandry department at Texas Tech."

Dean Stangel is married to the former Ruth Cannon of Jacksonville, Texas. They have two daughters and one grandchild.

Other Texas Men of the Year named by The Progressive Farmer are:

Robert J. Kleberg, 1940; E. R. Eudaly, 1941; W. P. Martin and R. E. Karper, 1943; Sterling C. Evans, 1944; Frank Boutwell, 1945; D. T. Simons, 1946; L. P. Merrill, 1947; Don Jones, 1948; C. B. Spencer, 1949; K. P. Ewing, 1950.

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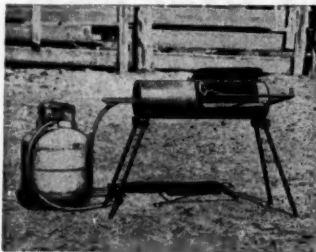
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HENRIETTA, TEXAS

New Texas A&M Horse Barn Named Garrigan Stables

THE board of directors of the Texas A. and M. College System has named the new horse barn of the animal husbandry department, Garrigan Stables in honor of Owen Garrigan, "grand old man" among Texas horsemen.

Owen Garrigan has been connected with the animal husbandry department for 35 years. Five years ago he went into semi-retirement but an inherent interest as well as a working interest in the department, is as strong today as it was 35 years ago.

The "Mr. Horseman" of Texas joined the animal husbandry staff of A. and M. College in 1916. His specialty is gaited saddle horses and in that field he is one of the most widely known authorities in the United States.

Garrigan came to the U. S. from Ireland, where for uncounted generations his people had been horsemen. His first day at A. and M. as stable superintendent of the animal husbandry department was as spectacular as is his everyday life today. He looked over the stable, saw some horses and immediately appraised them for what they were, to the amazement of the onlookers and his superiors. He established himself as an authority on horse flesh and the breeding of horses, that is still lasting.

Soon Texas horsemen looked to the college and soon the college was the recipient of fine horses, which were placed in the breeding stables. It wasn't long before horses at A. and M. were looked upon as being among the finest.

Garrigan had a way with horses. He trained them as no other person had trained them before. The horses responded and it wasn't long before horses trained by this Irishman were winning first prizes at the horse shows over the state. Such champion show horses as Liberty Loan, Liberty Fox and William the Conqueror, created a sensation.

Garrigan, when 15 years old, trained and fitted the Wild Man from Borneo, a jumper that won the English Grand National in Liverpool in 1897. Among the spectators was the late Senator J. W. Bailey of Texas. He met the Texas senator and the next year came to Texas and Gainesville and for 18 years handled the senator's string of horses.

He is a kindly man of boundless energy. Semi-retirement was not in his makeup, so he established a riding academy near the college and today the 68-year old Irishman is as active as he was some 10 years ago.

To know a horse is to love a horse—he is wont to say. He knows horses and loves them. He was kicked by a mare in 1923 and was unconscious for the next nine weeks. "Just an accident," he said. And his affection for horses remained unchanged.

His wife is an accomplished horsewoman, his father was a horseman, his grandfather and great grandfathers, all were horsemen—back in County Kerry, Ireland, his birthplace.

In naming the horse barn Garrigan Stables, the board of directors had this to say: "In recognition of the more than 30 years of loyal and effective service of Owen Garrigan to the A. and M. College of Texas, the board is pleased to name the new horse barn of the animal husbandry department Garrigan Stables."

"Coming to the United States from his native County Kerry, Ireland, at the age of 16, Owen Garrigan acquired a na-



Owen Garrigan

tional reputation as a horseman in this country before entering the service of the college in 1916. He has enriched the lives of succeeding generations of A. and M. students over more than three decades with his thorough understanding and deep appreciation for fine horses. This institution's position as an agricultural center is a state in which the horse plays a most important role has been appreciably enhanced by the work of this outstanding horseman."

A bronze plaque will be placed on the facade of the main barn at dedication ceremonies to be held early in 1952.

Pasture-Wintered Cattle More Profitable

PASTURE-WINTERING cattle produced slightly more total gain at a somewhat lower cost than cattle wintered in the barn in tests conducted at the University of Tennessee experiment station. The report on these tests was presented by H. R. Duncan of that station at the recent American Society of Animal Production meeting in Chicago.

The Tennessee trials revealed that the pasture-wintered cattle were appraised slightly higher and returned \$25 more profit per head for both ages than those wintered in the barn on silage and hay. In an average of three feeding trials, the use of grain the last 56 days on grass produced only 37 pounds more gain on the two-year-old cattle and 27 pounds on the yearling cattle than those receiving grass only. The grass-alone two-year-olds steers returned \$1.97 more profit per head.

In the case of the yearling steers, those having no grain the last 56 days on grass returned \$2.51 more profit per head than those having grain during that period.

The yearlings as handled produced 106 pounds more gain than the two-year-olds at a slightly lower cost. They were appraised at the same price, dressed practically the same, had the same carcass grade, but returned \$16.52 more over feed and initial cost than the two-year-olds. In addition, the carcasses of the yearlings were lighter, more easily merchandised and were more desirable for the area beef trade.

Bigger Bull Show at Southwestern Exposition

GEORGE R. SHEPHERD, superintendent of the carload-and-pen bull division, is hopeful that this department of the 1952 Southwestern Exposition and Fat Stock Show will be even larger than a year ago which itself marked an increase of almost 100 per cent in entries over the preceding show.

"For many years Fort Worth was the unquestioned marketing center for replacement bulls and the carload-and-pen division is a long step toward re-establishing that position," Shepherd said.

"This division is featuring a number of different classes for each breed so that the small breeder may show as well as those with large herds."

In the Hereford division, pens of five and carload lots of 12 or 15 may be shown, either as calves, senior calves or yearlings. Aberdeen-Angus may be shown in pens of three or five, as is the case with Shorthorns.

Shepherd declared, "The livestock industry of the Southwest has certainly proved its sincerity in helping to make Fort Worth the replacement bull market by its many purchases and efforts to make the show a success. Those who have purchased bulls here and many new prospective buyers have been contacted throughout the nation, and from the many inquiries received, we are looking forward to a very active bull market during the show."

The carload-and-pen division offers \$6,335 in premiums, of which \$1,167.50 is provided by the American Hereford Association and \$1,000 each by the American Shorthorn Breeders Association and the American Aberdeen-Angus Breeders Association. The Stock Show dates are Jan. 25 through Feb. 3.

Jack Turner Named to 4-H Club Builders' Council

JACK TURNER, secretary of the American Hereford Association, has been named vice-chairman for 4-H Club Alumni on the Builders' Council of the National 4-H Club Foundation of America. The purpose of the Council is to support the Foundation's five-point program of service to rural youth.

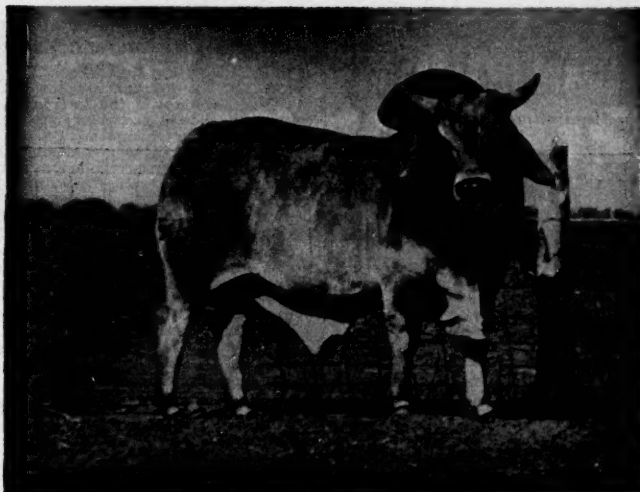
The Foundation is an educational nonprofit organization with headquarters in Washington, D. C. Its program includes research in the developmental needs of youth, the international farm youth exchange program, development and operation of the National 4-H Club Center, citizenship training for youth, and training of Extension workers; and local 4-H Club leaders in human relations.

Turner has been secretary of the American Hereford Association since September, 1946. A native of Hillsboro, Texas, he attended Texas A. & M. College and made an outstanding record on the college livestock judging teams. His first job after graduation was with Harrisdale Farms of Fort Worth. Later he became livestock specialist for the Missouri Pacific Lines of Texas.

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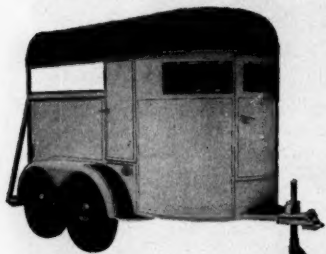
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Texas Quarter Horses Big Winners at International

JINKENS BROS., Fort Worth, Texas, scored a major triumph in the Quarter Horse show at the International when they showed the champion mare and both reserve champions. Dalene, a consistent winner at shows during the past year, was named champion mare, with reserve honors going to Lady East. The reserve champion stallion was Cuban Brown, a horse that also has accumulated quite a list of winnings.

Robert Q. Sutherland, ardent Quarter Horse breeder of Kansas City, Mo., showed the champion stallion, Sutherland's Paul A, who, among other winnings, had been named grand champion at the recent American Royal.

John V. Stevens, Matador, Texas, judged the show.

Quarter Horse awards follow:

Filles Foaled in 1950 (9 shown): 1, Buckskin Yacqui, Dorothy Maxine Bowling, Sycamore, Ill.; 2, Frosty Snooks, Pat Bowling, Sycamore, Ill.; 3, Dynamount, Harvey E. Dyche, Chicago, Ill.; 4, Moira, Jess C. Andrews, West Point, Ind.; 5, Enie's Sister, Clifford McKirgan, Plano, Ill.; 6, Soap-suds Texas, F. Charles Werner, Grand Rapids, Mich.

Filles Foaled in 1949 (9 shown): 1, Dalene, Jinkens Brothers, Fort Worth, Texas; 2, Ken's Sparkle, Ben Knecker, Ashton, Ill.; 3, Lady Scharbauer, Fred N. Pearson, Jr., Chicago, Ill.; 4, Miss Easter Bonnet, Wendell Petelish, Jacksonville, Ill.; 5, Lucy Star, Wyman C. Day, Saginaw, Mich.; 6, Jiggs Little Susie, E. P. Skinner & Sons, Bangor, Mich.

Mares Foaled in 1948 or Before (12 shown): 1, Lady East, Jinkens Brothers, Fort Worth, Texas; 2, Beppo, John Bowling, Sycamore, Ill.; 3, Texas Minnie, F. C. Werner, Grand Rapids, Mich.; 4, Sutherland's Our Money, Robert Q. Sutherland, Kansas City, Mo.; 5, Raincup, F. C. Werner, Grand Rapids, Mich.; 6, John's Tee Tiny, Frank J. Mathes, Chicago, Ill.

Colts Foaled in 1950 (3 shown): 1, Cuban Brown, Jinkens Brothers, Fort Worth, Texas; 2, Pedro Chief, Michael John Bowling, Sycamore, Ill.; 3, Little King Ranch, Jess C. Andrews, West Point, Ind.

Colts Foaled in 1949 (4 shown): 1, Jake the Ripper, Bob Danila, Chicago, Ill.; 2, Chipper Wimpy, Wyman C. Day, Saginaw, Mich.; 3, Jiggs Jimmy, E. P. Skinner & Sons, Bangor, Mich.; 4, Rex Minxman, Sue and Jean Connelly, Michigan City, Ind.

Stallions Foaled in 1948 or Before (5 shown): 1, Sutherland's Paul A, Robert Q. Sutherland, Kansas City, Mo.; 2, Smokey Bill James, Mary C. Bowling, Sycamore, Ill.; 3, Ken's Jig's Hancock, Ken Kaecker, Ashton, Ill.; 4, Rusty Boy, Mrs. Franklin Boehmer, Woodstock, Ill.; 5, Coke McCue, H. C. Spinks Clay Co., Inc., Paris, Tenn.

Champion Mare: Dalene, Jinkens Brothers, Fort Worth, Texas.

Reserve Champion Mare: Lady East, Jinkens Brothers, Fort Worth, Texas.

Champion Stallion: Sutherland's Paul A, Robert Q. Sutherland, Kansas City, Mo.

Reserve Champion Stallion: Cuban Brown, Jinkens Brothers, Fort Worth, Texas.

Second Annual Western Oklahoma Hereford Show

CAMERON College, Lawton, Okla., showed the grand champion bull at the Second Annual Western Oklahoma Hereford show held in Clinton, Okla., December 4. The bull, Zato Anxiety, by Zato Heir, previously had topped the senior bull calves. Dr. Larry Domino Junior, a junior bull calf shown by Dr. W. C. Tisdal, Hallett, Okla., was named reserve champion.

R. T. Alexander & Son, Canadian, Texas, showed the champion female, Miss Royal Tone 2nd, a junior yearling heifer, as well as the reserve champion, Helen Tone 2nd, a summer yearling heifer.

Good As Gold Ranch topped the get of sire class.

Glen Bratcher, Oklahoma A. & M. College, judged the show.



Sutherland's Paul A, grand champion Quarter Horse stallion, International Livestock Exposition, owned by R. Q. Sutherland, Kansas City, Mo.

To Entertain American National Visitors

THE S. B. Burnett Estate, the 6666 Ranches, the Tom L. Burnett Cattle Company, Triangle Ranches and Mr. and Mrs. Robert F. Windfohr are giving a cocktail party and buffet supper at the River Crest Country Club, Fort Worth, January 8, honoring the officers and members and their wives of the American National Cattlemen's Association who are attending the fifty-fifth annual convention of that organization in Fort Worth that week.

Officers and directors of the Texas and Southwestern Cattle Raisers Association and their wives, also business associates of the Estates, are being asked by J. L. Schwartz, Trustee of the Burnett Estate, to be co-hosts and co-hostesses at this party.

Hereford Heaven Range Bull Sale

SUMMARY

127 Bulls \$93,640; avg. \$737

TR ZATO HEIR 112, a November, 1950 son of TR Zato Heir, topped the Hereford Heaven Range Bull Sale December 8 at Ardmore, Oklahoma. He was consigned by Turner Ranch, Sulphur, Oklahoma, and sold to C. T. McLaughlin, Snyder, Texas, for \$2,060.

The second top of \$2,000 was paid by R. M. Lawrence, Wilson, Oklahoma, for Silver Magic 20th, a two-year-old grandson of Silver Anxiety 2nd, consigned by Colvert Hereford Ranch, Mill Creek, Oklahoma.

TR Zato Heir 73, a September, 1950, son of TR Zato Heir, consigned by Turner Ranch, went to Phil Cornell, Oklahoma City, for \$1,300, and M. W. Whitmeyer, Stonewall, Oklahoma, paid \$1,250 for TR Zato Heir 142, a January, 1951, son of TR Zato Heir, also consigned by Turner Ranch.

Jewett Fulkerson was the auctioneer.

National Wool Growers Association Convention

W H. STEIWER, Fossil, Oregon, was re-elected president of the National Wool Growers Association at its 87th annual convention held last month in Portland, Oregon. All other officers were reelected: Ray W. Willoughby, San Angelo, Texas; John A. Reed, Kemmerer, Wyoming; Wallace Ulmer, Miles City, Montana; John H. Brackenridge, Twin Falls, Idaho; and Don Clyde, Heber City, Utah, all vice presidents; J. M. Jones, secretary-treasurer; and Edwin E. Marsh, assistant secretary.

The final report of the wool marketing committee asked that there be no meddling with the present price ceiling; urged use of 100 per cent wool for armed services and opposed subsidizing of the synthetic wool industry. It also recommended that wool top futures trading be abandoned because the top is a semi-manufactured article and also asked that trading in grease wool futures be placed under regulation of the Commodity Exchange Authority.

The lamb committee asked that national officers be instructed to take immediate steps to establish a vastly expanded long-range promotion program.

The predatory animal committee reported increasing losses from many western states and recommended that all methods of control be used to the fullest extent.

S. L. Stumberg, Sanderson, Texas, was elected vice president of the American Wool Council, Inc., replacing J. B. Wilson, McKinley, Wyo., who was elevated to the presidency. Wilson, secretary of the Wyoming Wool Growers Association, succeeded Harry J. Devereaux, Rapid City, S. D.

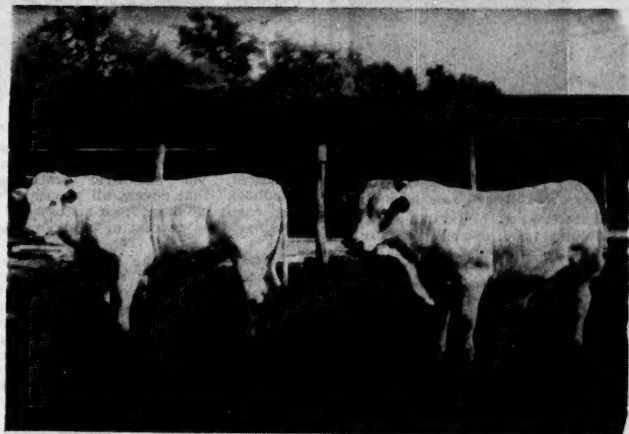
There were 297,000,000 hogs in the world as of January 1, 1951. The United States has the largest number of hogs of any country in the world—more than 65,000,000 head, or about 22 per cent of the world's hogs. Hog numbers in the world have increased from 27,000,000 (1941-45) average to more than 6,000,000 above the pre-war (1936-40) level. A further moderate increase is forecast for January 1, 1952.



Dalene, grand champion mare, International Livestock Exposition, owned by Jinkens Bros., Fort Worth, Texas.

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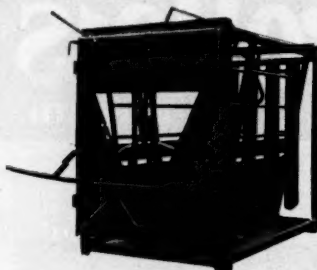
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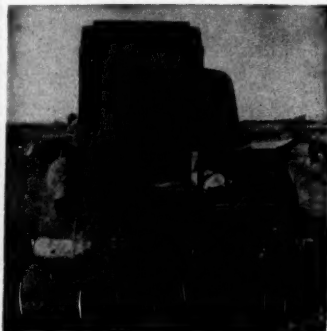
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BEEF CATTLE HUSBANDRY, by M. E. Ensminger, price \$3.00, 351 pages, 165 illustrations, published by The Interstate Printers and Publishers, Danville, Ill. Order direct from The Cattleman, 410 East Weatherford, Fort Worth, Texas.

Interested in beef cattle? Then here's a complete reference book for you—a practical, yet scientific "cattleman's handbook" that covers all phases of the beef cattle industry from history and development to marketing and slaughtering.

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The author has drawn upon his broad background and personal experience as a farm ranch manager, teacher and counselor to students, stockmen and industrialists to bring you this information. In the preparation of **BEEF CATTLE HUSBANDRY**, he has had the benefit of the authoritative review of the able stockmen: Robert W. Lazear, Manager of the Wyoming Hereford Ranch at Cheyenne; Alan Rogers, Walking "T" Ranch at Ellensburg, Wash.; and Prof. P. S. Shearer, head of the Department of Animal Husbandry at Iowa State College. In addition eminent authorities throughout the country review the separate chapters of their specialties; practical stockmen on fitting and showing, agricultural engineers on buildings and equipment, ranch managers, packers, teachers, etc. The very important chap-

ter on "Beef Cattle Health, Disease Prevention and Parasite Control" was co-authored with Dr. Leo Bustad, eminent veterinarian, and reviewed by four competent veterinarians and a competent entomologist. It alone may be worth many times the cost of the book to a cattleman.

The book contains 165 beautiful illustrations, many of them superb original line drawings. Here is a list of the chapters:

History and Development of the Beef Cattle Industry, Distribution, Adaptation, and the future of the industry, Types and Breeds of Beef and Dual-Purpose Cattle, Establishing the Herd; Selecting and Judging Beef Cattle, Systems of Beef Production, Breeding Beef Cattle, Feeding Beef Cattle, Beef Cattle Management, Buildings and Equipment for Beef Cattle, Beef Cattle Health, Disease Prevention and Parasite Control, Central Marketing and Packer Slaughtering of Cattle and Calves, Selecting, Fitting and Showing Beef Cattle.

Praises Work Being Done By FFA and 4-H Clubs

SPEAKING on the topic, "Some Problems in Youth Training Through Livestock Project Work," before the annual meeting of the American Society of Animal Production, K. C. Fouts, extension livestock specialist of the University of Nebraska, stated that the lessons learned by rural youth through such training helps build for the future.

"The livestock project in youth work is the best we have today in the field of animal husbandry for the recapture of a sympathetic understanding of animals," Fouts said. "In the beef projects for example, the daily contact over the 10 to 12 months necessary to finish a beef calf, the observations made and understanding acquired from the animal's response to training, remain long after club activities are over."

The Nebraska extension man emphasized the value of good local leaders in rural youth work such as the 4-H Clubs. In considering leaders, he pointed out that the real job of leadership is understood by the community and parents as well as members. He stressed also the value of having parents know their real responsibility in this work.

Fouts brought out the fact that the increase in the enrollment of girls in 4-H livestock projects has been unusual. The recognition of the presence of girls has bolstered the weak spots in the club program.

In closing the speaker pointed out that "youth likes praise and adulation for good work well done. Boys and girls like to work together. These are basic and characterize the successful youth program of today from the local club to interstate gatherings. In trying to solve problems in any phase of the overall program, these principles must be kept in mind."

Correction

In the December issue of *The Cattleman* it was incorrectly announced that the ladies attending the annual convention of the American National Cattleman's Association at Fort Worth January 7 and 9 would be guests of the Burnett Estate at a tea and tour. We regret that this error was made in the announcement of the Annual National meeting.



Marellbar Mary Ann 5th, champion Shorthorn female, International Livestock Exposition, owned by Marellbar Farms, Libertyville, Ill.



Welcome

Fort Worth's Friendly Banks extend to each of you a hearty welcome to our city. Your continued support of the Southwestern Exposition and Fat Stock Show helps to make it a greater success each year.

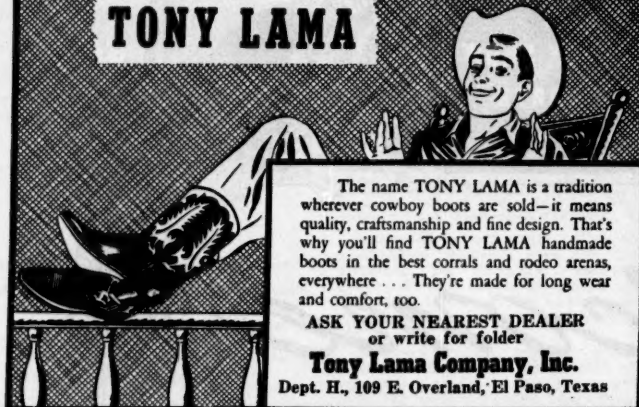
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Antibiotics Are Growth Stimulant for Unthrifty Pigs

ANTIBIOTICS can bring outstanding results when fed to runts or unthrifty pigs, according to U. S. Department of Agriculture scientists. The new antibiotic-containing feed supplements are more effective in transforming runts into healthy pigs than they are in speeding up the growth of normal animals. (Antibiotics can be defined as organic compounds with germ-killing properties that are being used for combating disease. Such compounds are aureomycin, bacitracin, terramycin, penicillin, and streptomycin.)

At Beltsville, Md., the Bureau of Animal Industry in controlled feeding experiments found that growth rate was increased nearly 100 per cent when antibiotics were added to the diet of weak, unthrifty pigs, but the increase in healthy pigs was no more than from 10 to 20 per cent. In some instances, normal pigs have shown no effect at all from the compounds.

Farmers have been quick to adopt the use of antibiotics and are reporting excellent results from feeding the supplements to growing-fattening hogs and breeding stock under average farm conditions.

The cause of the marked reaction of unthrifty pigs to antibiotics has not been definitely determined. Antibiotics may help to reduce the number of harmful bacteria or, directly or indirectly, to encourage the growth of beneficial microorganisms in the digestive tract, or even to provide hormone or other unknown growth-promoting properties. Such aids may not be as necessary for the healthy, normal pig as for the runts.

Department scientists point out the following precautions and recommendations to the swine producer who plans to use antibiotics: (1) Antibiotics should not be expected to correct nutritional deficiencies in the diet, but should be used with the object of allowing more efficient use of good quality feed. (2) Antibiotics should not be used as substitutes for good, sanitary feeding practices. (3) Follow the feeding directions of the manufacturer. Recommended levels of feeding are not high enough to harm your animals. The best way to be sure of the effects of an antibiotic, or a combination of antibiotics, is to try them and see. Results may vary widely with kinds and amounts used, basic rations, kind and conditions of the animals, and sanitary conditions. The addition of antibiotics to mixed feeds should not greatly increase the cost, because relatively small amounts of the supplement are needed per ton of feed.

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West Texas Hereford Association Sale

SUMMARY

| | | |
|------------|-----------------|---------|
| 110 Bulls | \$117,580; avg. | \$1,069 |
| 23 Females | 27,430; avg. | 1,193 |
| 132 Head | 145,010; avg. | 1,099 |

THE West Texas Hereford Association sale at Abilene, Texas, December 3 was the best this group has ever held.

A large crowd was present the preceding day to watch Larry Miller, Denver, Colorado, place the pens of bulls and an even greater number was on hand the day of the sale to watch the individual placings.

Top price of the sale was reached on EG Proud Mixer 157th, a September, 1950, son of WHR Proud Mixer 21st, from Earl Guitart's Hardy Grissom Ranch at Abilene. He went to Charles F. Moore, Dyersburg, Tennessee, on a bid of \$9,250.

Another Guitart consignment, EG Royal Mixer 167th, by HG Proud Mixer 579th, was the reserve champion sale bull and brought the second top price of the sale of \$8,400 from D. M. Cogdell, Snyder, Texas.

The champion bull, BR Proud Mixer 12th, by BR Proud Mixer, was from the Arledge Ranch, Seymour, Texas, and brought the third top price of \$8,000 from B. F. Marshall and Sons, Crawford, Nebraska.

The top selling and champion female was also consigned by Earl Guitart. She was EG Royal Lady 191st, a September, 1950, daughter of HG Proud Mixer 579th, and sold to J. S. Bridwell, Wichita Falls, Texas, for \$3,500.

D. M. Cogdell paid the second top female price of \$2,500 for Miss CL Mixer 179th, an April, 1950, daughter of HG Real Mixer 1st, consigned by C. M. Largent and Sons, Abilene.

B. B. Dunbar, Uvalde, Texas, bought a total of 29 bulls and included in his purchases was the top selling pen of bulls. They were consigned by Mrs. Rupert Harkrider, Abilene, and sold for \$1,300 each.

G. H. Shaw and Walter Britten were the auctioneers.

Blanco County Hereford Breeders Sale

SUMMARY

| | | |
|------------|----------------|-------|
| 44 Bulls | \$27,045; avg. | \$615 |
| 14 Females | 7,035; avg. | 503 |
| 58 Head | \$4,080; avg. | 588 |

THE Blanco County Hereford Breeders held their sixth annual sale December 1 at Johnson City, Texas.

Stanton Hereford Ranch, Johnson City, had both the top selling bull and top female. Each sold for \$1,500. The bull was SHR Return, by F. Baca Elation 28th, and had been judged reserve champion of the presale show. He went to Freeman Ranch, San Marcos, Texas. The champion heifer, Miss SHR Return 239th, a January, 1951, daughter of F. Baca Elation, sold to Thurman Walker, Lampasas, Texas.

The champion bull, JJ Larry Return, an April, 1950, son of Advance Return, consigned by Lazy E Ranch, Round Mountain, Texas, went to T. H. Heard, Beeville, Texas, on a bid of \$1,325.

Walter Britten sold the offering.

Farm production goals if met this year will be about four per cent greater than the indicated high record for last year and 50 per cent greater than the 1935-39 average.

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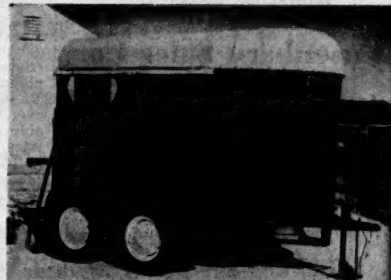
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A Statement By the National Manpower Council

TO build a stronghold of democracy and freedom, the United States has assumed responsibilities which make a heavy demand upon its most critical resource—manpower. With only six per cent of the world's population, we are required to expand our industry to new heights, to assist our allies, and to maintain a military force strong enough to deter aggression. To be adequately prepared, we are also compelled to build a base for full-scale mobilization.

Our strength lies in our people. To meet the challenge of the present crisis, we must strive to develop and use our manpower resources as wisely and effectively as possible. To contribute to the appraisal and solution of our nation's manpower problems, the National Manpower Council has been established at Columbia University, under a grant from the Ford Foundation.

The National Manpower Council has been identifying and analyzing the major short-run and long-run manpower problems which face the United States. It will submit to the public, to voluntary groups, and to the governmental agencies directly concerned, its manpower policy recommendations.

We do not now face an overall manpower shortage. Women, older workers, and young people coming into the labor market provide manpower reserves. So do the physically handicapped, groups frequently discriminated against in employment, and workers whose talents and skills are poorly utilized. There is, moreover, some unemployment and considerable underemployment in various industries, among them, agriculture, textiles and clothing. Even though the unemployed represent only a small proportion of a civilian working force of some sixty-four million, the human costs of unemployment are always a challenge to a responsible democracy.

While there is no overall shortage at present, the nation's manpower pool is relatively shallow. The low birth rate during the depression of the 1930's has reduced the number of young men available today for military service and for training in civilian skills. The required numbers of skilled people for important defense jobs are frequently not available or not in the localities where they are needed. The defense industries have already made major demands upon our manpower, and a sharply intensified mobilization program would severely strain our resources.

Because we value freedom, we have been reluctant to adopt a system of compulsory military service. Nevertheless, we have come to recognize that we must use Selective Service to build up and maintain our Armed Services at the required strength. The passage of the Universal Military Training and Service Act of 1951, however, does not resolve all our military manpower problems. Congress will shortly decide whether to depart further from tradition and enact a program of universal military training.

The solution of these military manpower problems is made more difficult by insufficient numbers of scientists, doctors, engineers, and other specialists and technicians to meet the combined demands of the Armed Services, industry,

teaching, and research. To reduce and eliminate these deficiencies we need to develop more trained people.

The success of our efforts to protect our way of life rests on our ability to eliminate manpower wastes and to develop the full potentialities of all of us. We are made weaker by every practice, wherever it exists, which restricts the opportunities of individuals for employment, training, and effective utilization. Government has a special responsibility to utilize its personnel effectively. Defense procurement policies in particular should be developed with full recognition of their impact upon existing manpower resources and reserves.

Our strength as a nation depends even more on the quality than on the numbers of our people. Their potential capacities and capabilities are at once our richest and most precious possession. Every field of endeavor will benefit as we provide greater opportunities for the training of skills and the development of talent and leadership.

We must also learn how to adapt the social advances of pension schemes and security benefits to the needs of the present and the future so that they will encourage older, competent workers to stay on the jobs for which they are suited and not hinder the transfer of workers from one job to another. We have to discover the additional ways through new housing, day nursery centers, and training programs for facilitating the full use of our manpower.

Our nation's manpower policies are not made by the government alone. They grow out of countless voluntary decisions by individuals, employers, and unions. We believe that each individual should continue to have primary responsibility for determining his choice of work and pattern of civilian life. In the United States the individual not only has a stake in manpower policy; he shares in making it.

There is no simple formula for solving the manpower problems which confront us. Some must be met immediately to insure the success of our mobilization efforts. Others, equally urgent, will influence the long-run security and prosperity of the United States. Every manpower policy must meet the test of consistency with the traditions and goals of American democracy and with the principle of equality of sacrifice.

The National Manpower Council, recognizing the crucial importance of skilled workers and scientific personnel, has selected as its first problem the policy of Student Deferment. After review and evaluation of current deferment policy, the Council will formulate its recommendations and submit them for public consideration early in 1952.

Shortages of highly skilled and specialized personnel, the utilization of the older worker, the education and training of tomorrow's worker and citizen, the development and use of womanpower in an industrial society, and military manpower policy are among the problems with which the National Manpower Council will later deal.

One person on the farm now produces enough for himself and 14 others. In the early days of our country it took nine people to produce enough for 10, and 50 years ago one person could supply himself and only seven others.

Cattle Lice Control Means More Profit

TREATING cattle for lice at this time of year is important in order to prevent a build-up of population and to keep the pests from taking their annual toll in many hundreds of pounds of meat. In addition to reduced gains animal resistance is reduced and stock becomes more susceptible to other diseases.

Gordon T. Mickle, entomologist for the Colorado A. & M. Extension Service, says non-infested cattle will gain from one-fourth to one-half pound more per head daily, remain more thrifty and cows will produce stronger calves.

Once a herd is cleaned up, Mickle says, other cattle which may be introduced into the herd should be deloused before being turned loose. Lice can occur on all parts of the animal, requiring complete coverage when cattle are sprayed or dipped.

On beef cattle not being fattened for slaughter, benzene hexachloride gives satisfactory control usually with one application, the entomologist points out. The solution recommended is four pounds of 50 per cent wettable powder containing 6 per cent gamma isomer per 100 gallons of water. Mickle cautions, "If the product is of 10 or 12 per cent gamma isomer, cut the dosage in half because the overdose may kill calves. Under no circumstances should the chemical be applied to calves under three months of age."

BHC can be used as either a spray or dip.

However, BHC should not be used on dairy cattle. Instead, use methoxychlor four pounds of 50 per cent wettable powder to 100 gallons of water or a non-poisonous material such as rotenone or pyrethrum. If a single treatment does not give a complete control, a second application should be made in 16 to 18 days, Mickle said.

Parker Hereford Ranch Sale

SUMMARY

| | | |
|------------|----------------|---------|
| 15 Bulls | \$19,495; avg. | \$1,300 |
| 55 Females | 75,995; avg. | 1,380 |
| 70 Head | 95,490; avg. | 1,363 |

A LARGE crowd from eight states gathered for the Premiere Sale of the Parker Ranch, Chelsea, Oklahoma, on Saturday, December 15. The top bull was a May, 1951 son of MW Larry Domino 148th and he went to W. R. Semrad, Waukomis, Oklahoma at \$4,500. The second top bull was another son of the "148th" and he was a May, 1951 calf—he going to W. G. Skelly, Tulsa, Oklahoma for \$2,725.

The top female and second top of the sale was a two-year-old daughter of Sir Domino Paladin 46th, carrying the service of MW Larry Domino 148th, she going to W. E. Gardner, Claremore, Oklahoma at \$3,500. Second top female was a granddaughter of WHR Proud Princess 9th and carrying the service of MW Larry Domino 172nd, she went to the Watson Ranch, Morris, Oklahoma, at \$3,025. The third top female was a granddaughter of Larry Domino with a heifer calf at side by the "148th" and she went to the Milky Way Hereford Ranch, Phoenix, Arizona at \$3,000. The buyers from the following states were represented at the sale: Texas, Missouri, Arkansas, Kansas, West Virginia, Arizona, Wyoming, Oklahoma.

A. W. Thompson and Gene Watson were the auctioneers.

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The senior and grand champion Angus bull of the 1951 International Live Stock Exposition, Elban Bardolier 3rd of El-Jon Farms, Rose Hill, Iowa, is shown with his owners, Elliott Brown, right, and John Brown, fourth from right. Watching the presentation are the judges, Paul Firpo, Buenos Aires, Argentina; Wayland Hopley, Atlantic, Iowa; and Charles Yule, Calgary, Alberta, Canada; and Mrs. John Brown and Mrs. Elliott Brown. — Photo by American Aberdeen-Angus Association.



Rules for Hoblitzelle Achievement Award

THE Hoblitzelle Achievement Award for the advancement of Texas Rural Life, consisting of \$5,000 and a gold medal to the agricultural scientist who has made the most important scientific contribution to Texas agriculture for the preceding three year period, will be made for the first time in May, 1952. The contribution meriting this award should have been published in the period from July 1, 1948, to June 30, 1951. It is not intended to exclude research that may have been initiated earlier, but the results must have been published in those three years.

The purpose of the award is to give suitable recognition and prizes to those who make significant scientific contributions through the agricultural sciences to the solution of agricultural problems. The agricultural sciences will be considered to include agronomy, bacteriology, biochemistry, biology, botany (all phases), chemistry, entomology, forestry, genetics, nutrition, soil science, veterinary science, zoology, and such other sciences as may be deemed appropriate by the regional nominating committees.

Nominations will be received by regional committees and may be made by members of the committees or by other individuals or agencies. In performing its function, each committee is requested to give equal consideration to all scientists working in Texas, irrespective of creed, color, nationality, age, branch of science, or affiliation with scientific or scholastic organizations.

There will be five (5) regional committees to cover the State of Texas. Each committee will receive nominations, obtain full supporting evidence on the significance of the research of the nominee, evaluate the nominee's contribution from the point of view of the principles underlying these awards, and forward to the advisory committee of the Texas Research Foundation, the three most meritorious nominations, with the order of merit indicated. Full supporting evidence and information will accompany the nominations. This material will be retained in the permanent file at the Texas Research Foundation. These nominations must be received by the Foundation not later than February 1, 1952.

It is not the intention that nominations be made on a geographic basis; any worthy individual may be nominated, and the nomination received and acted on by any regional committee. Thus the region 5 committee might select nominees who conducted research in region 2, if in the committee's opinion that scientist has made the most noteworthy scientific contribution to agriculture. The regional committees are set up to avoid possibility of unequal opportunity for recognition of scientists in all parts of Texas.

The chairman of each regional committee will be a man in the field of agricultural research. Other members of the committee will be selected to give representation to other institutions, organizations, and other agricultural enterprises than those by the chairman. These committees will be appointed to select the 1952 award winner only. In the event any committee member is nominated for his award, he will be relieved of his appointment promptly, so that proper consideration may be given to his qualifications. Members of committees are asked to serve without compensation, except for the satisfaction of rendering a worthwhile service in the field of Texas' agriculture. Each committee will be composed of not less than three members, nor more than five members.

The decisions and deliberations of the regional and state committees must be regarded as confidential, and not disseminated in any way until after public announcement of the winner in May, 1952.

The fifteen nominations made by the regional committees will be received by the advisory committee on Hoblitzelle Awards, Texas Research Foundation, Renner, Texas. This committee will evaluate the nominations submitted, utilizing the staff and facilities of the Texas Research Foundation as well as the counsel and assistance of any other appropriate persons or organizations. Leading candidates will be recommended to the State Awards Committee for its action in making final determination of the prize winner. Members of the State Awards Committee to be selected by the trustees of the Hoblitzelle Foundation will be outstanding agricultural leaders and laymen. Public award of the prize and medal will be made through the Karl Hoblitzelle Agricultural Laboratory of the Texas Research Foundation at the annual open house at Renner, Texas, on May 21, 1952.

Insecticide and Fungicide Supplies to Be Tight

AS A guide for farmers planning their 1952 production, the U. S. Department of Agriculture outlines the prospective supply situation for insecticides, fungicides and herbicides (weed killers).

The situation indicates that farmers could help avert possible bottlenecks in supplies of these necessary materials by buying some part of their estimated requirements now and through continued orderly purchases in advance of actual needs, reports Gordon Mickle, entomologist for the Colorado A. & M. Extension Service.

The manufacture and distribution of the large quantities of insecticides, fungicides, and herbicides required for agricultural production can not be accomplished in the relatively few weeks before and during the growing season. This has become a year-round job which is dependent upon forward planning by the farmers. Although production capacity is generally adequate, storage facilities will not accommodate the quantities of pesticides being made, and this situation threatens to hamper continued manufacturing at an inopportune time.

Shortages of the chemicals and metals used in the manufacture of insecticides and fungicides are becoming more acute as the defense effort expands. Shortages of sulphur, copper and lead already exist. Alternate materials will have to be used to extend supplies of pesticides using these basic materials if farmers' requirements are to be filled in 1952.

Orderly purchases of at least part of the 1952 needs of fungicides, insecticides, and herbicides by farmers now, coupled with careful storage until time of use, could help prevent the danger of short supplies which might come with increased competition for scarce chemicals and metals later. Obviously, such action would reduce the pressure of manufacturers' storage stocks against further production and would help prevent sudden unmanageable strains on shipping and storage during the growing season.

Farmers unable to buy now for lack of storage facilities or other reasons could aid by placing orders for future delivery of their estimated 1952 needs of insecticides, fungicides, and herbicides. This would enable manufacturers to gauge accurately overall 1952 requirements. Although individual farmers will have to make their own decision in the matter, buying now also might prove economical. Historically, at least, the present period between growing seasons is the low-priced period for insecticides, fungicides, and herbicides. Orderly purchases in many farm areas early in 1951 was a major factor in the availability of adequate supplies of these chemicals at the time they were needed.

A summary of the 1952 outlook for major insecticides, fungicides and herbicides follows:

Production of chlorine and benzene, raw materials for synthetic organic pesticides such as DDT, benzene hexachloride and 2,4-D, is expected to be adequate in 1952, although this is by no means certain.

Copper fungicides now appear adequate, but shortages of metallic copper may cause difficulties when demand for the product becomes active. Lead arsenate manufacturers have been unable to obtain more than a fraction of their needs of lead to date.

Due to the world-wide shortage, supplies of sulphur for insecticides and fungicides are expected to be less in 1952 than in 1951. To conserve supplies, sulphur should be used only when it is specifically required and when no alternate material is available.

Increased production of alternate materials such as dithiocarbamate fungicides for plant diseases, and parathion, tetraethyl pyrophosphate, and various trade-name products which can be used as miticides, should help alleviate the sulphur and copper shortages.

Grain fumigants are expected to continue scarce in 1952. Carbon tetrachloride and carbon disulfide are not being produced in quantities sufficient for both agricultural and industrial demands. Users of grain fumigants who have a choice should consider use of mixtures containing ethylene dichloride with a

lesser proportion of carbon tetrachloride and no carbon disulfide.

Continuation of the trend from dusts to liquids for spraying cotton will add to demand for steel containers. Every possible effort should be made to obtain maximum re-use of metal drums where it is feasible.

Meanwhile, emphasis on good management practices such as planting resistant varieties, planting at the proper time, maintenance of soil fertility, destruction of host crops or control of pests on them, and similar measures which reduce need for insecticides and fungicides should be continued. Slight changes in the weather and growing conditions can cause unexpectedly serious pest infestations and convert an apparently favorable outlook for insecticides, fungicides and herbicides into one of acute shortages before the end of the crop year.

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Americans Ate Less Meat in 1951

THE average American ate three pounds less meat in 1951 than he ate either in 1949 or 1950, H. H. Corey, chairman of the board of the American Meat Institute, declared in a year-end statement. Government restrictions and regulations were among the primary causes of this cut, he added.

Mr. Corey, president of Geo. A. Hormel & Co., Austin, Minnesota, said consumers' meat supplies can be expected to increase about three or four pounds per person during 1952 if OPS regulations do not curtail marketings and disrupt distribution too severely.

Said Mr. Corey: "In the year just ended, during which price controls have been in effect, per capita consumption of meat in the United States was only about 141 pounds. This compares with 144 pounds in 1949 and 1950.

"Total meat production dropped one per cent from 1950 levels. Production of lamb and mutton went down 17 per cent to hit a 33-year low. While prospects for a moderate increase in beef production were favorable at the beginning of 1951, threats of price rollbacks and imposition of price controls so disrupted marketings that consumers' supplies of beef dropped eight per cent. The sole increase in supplies came in pork, which increased 10 per cent.

"Meanwhile, consumer disposable income was running about nine per cent above 1950. Demand consequently was strong enough to bid up the price of meat along with almost all other commodities. In recent months, however, seasonal increases in marketings, particularly in pork, have resulted in lower prices on many meat items."

Mr. Corey said prospects for meat supplies in 1952 were affected by government regulations. He said:

"Barring still further dislocations in the industry, meat supplies in 1952 promise to be about five per cent larger than those of 1951. The anticipated increase in consumer supplies of beef is based on two factors: government controls during the past year so discouraged cattle marketings that cattle numbers were built up by about six million head; a very substantial volume of cattle has been put into the feed lots to be fattened up to higher grade.

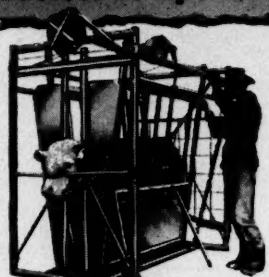
"The 10 per cent increase in 1951's pig crop will provide a good reserve for 1952. During the first two or three months of 1952, consumers will continue to benefit price-wise from the present seasonal peak in hog marketings. But the spring pig crop is expected to be somewhat smaller than that of 1951. This decrease may be reflected in reduced marketings during the latter months of 1952.

"Obviously, increased production is imperative if consumers are to be provided once again with their normal supply of meat. But the extent of this increase will depend almost entirely on whether livestock growers can see any incentive to produce and market under conditions imposed by government regulations."

The American Meat Institute is a trade, research and educational organization representing 550 meat packing companies who process and prepare 85 per cent of the meat that is sold commercially in the United States.

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Capital Area Hereford Association Sale

| SUMMARY | | | |
|------------|----------------|-------|-------|
| 41 Bulls | \$21,225: avg. | | \$518 |
| 18 Females | 9,579: avg. | | 532 |
| 59 Head | 30,805: avg. | | 522 |

THE first annual sale of the Capital Area Hereford Association was held November 28 at Austin, Texas.

Cox Larry Domino 241st, a July, 1950 grandson of MW Larry Domino 30th, brought the sale's top price of \$1,000. He was consigned by Charles S. Cox and Son, Temple, Texas, and sold to O. W. Symmank, Giddings, Texas.

The second top price of the sale of \$970 was scored on TW Chief Domino 4th, an April, 1950 son of HB Chief Diamond, consigned by Thurman Walker, Lampasas, Texas. He went to Adams Hereford Farm, Lockhart, Texas.

Dave Mayfield, Buckholts, Texas, paid the top female price of \$855 for a consignment by Gay Willow Farms, Pflugerville, Texas. She was GWF Mixerette 4th, a January, 1950 granddaughter of HG Proud Mixer 605th.

Colonel Walter Britten was the auctioneer.

Hereford Transactions

John F. Lewis, Floydada, Texas reports the sale of five Hereford bulls to W. E. Burleson, also of Floydada.

Straus Medina Hereford Ranch, San Antonio, Texas, enlarged their Hereford herd by the purchase of five Hereford bulls from W. A. Maley, Corpus Christi, Texas.

W. T. Sadler, Merkel, Texas, shipped

six Hereford bulls to Jack Wiley, Clayton, New Mexico.

Twenty Hereford heifers became the property of R. V. Bruce, Williamsburg, Ky., sold by C. A. Bradley, Stephenville, Texas.

Hayes Mitchell Ranch, Marfa, Texas, shipped 39 Hereford heifers and one cow to Gilkey Cattle Co., Corcoran, California.

De Los Patton, Ordway, Colorado, are the new owners of 10 Hereford bulls purchased from R. S. McConnell, Pampa, Texas.

W. W. Maassen, Jermyn, Texas, sold 11 Hereford heifers to R. W. Dye, Elberton, Georgia.

Mr. & Mrs. W. B. McCoy, New Boston, Texas, purchased five Hereford cows from Martin Stiles, Annona, Texas.

Twenty Hereford bulls were transferred by George Nance, Canyon, Texas, to Arthur Ware, Amarillo, Texas.

J. S. Criswell, Graham, Texas, reports the sale of seven Hereford heifers to James T. Canizaro, Jackson, Mississippi.

L. A. Beadler, Commerce, Texas, has purchased seven Hereford heifers from S. R. McWhirter, Campbell, Texas.

Cornelius Knoll, Houston, Texas, made a sale of 52 Hereford cows to D. A. Crawford, Winnsboro, South Carolina.

Fortenberry & Christian, Greenwood, Texas, report the sale of 33 Hereford bulls to Harry Hudgins, Sherman, Texas.

Green Land & Cattle Co., Albany, Texas, are the new owners of 13 Hereford bulls purchased from Tom Parrott, Throckmorton, Texas.

H. N. Ferguson, Decatur, Texas, transferred 20 Hereford bulls from his herd to Harry Hudgins, Sherman, Texas.

Fourteen Hereford heifers are re-

ported sold to James T. Canizaro, Jackson, Miss., by Wright McClatchy Est., Olney, Texas.

From Snyder, Texas, R. H. Odom, Jr., reports the sale of 10 Hereford heifers to C. V. Thompson, Jr.

Lionel L. Campbell, Temple, Texas, recently transferred six Hereford cows to D. G. Kirkland, Jr., Mart, Texas.

Hilburn & Faust, Littlefield, Texas, became the new owners of 25 Hereford cows when the sale was made by S. D. Thwait, Friona, Texas.

Harry Hudgins, Sherman, Texas, purchased 11 Hereford bulls from Fortenberry & Christian, Greenwood, Texas.

The sale of 51 Hereford heifers has been reported by W. R. Higgins, Hereford, Texas, to Lazy R. P. Ranch, Inc., Scottsdale, Arizona.

Barnhart & McGinley, Cactus, Texas, are the new owners of five Hereford bulls purchased from W. W. Steel, Stratford, Texas.

Olin Caviness, Raton, N. Mex., reports he purchased four Hereford cows and 12 heifers at a sale by H. C. Baird, Hereford, Texas.

Eleven Hereford bulls became the property of Grover Swift, Los Animas, Colo., purchased from Dolph B. Dennis, Tuxline, Texas.

W. R. Nichols, Dallas, Texas, sold four Hereford bulls and five cows to J. A. Kennibrough, Vera, Texas.

Lindsey McCasland, Wheeler, Texas, transferred five Hereford cows to C. J. Van Zandt & Son, Mobee, Texas.

Mrs. Chas. C. H. Holle, Washington, Texas, reports the recent sale of a Hereford bull, four cows and four heifers to Alfred Bockhorn, Brenham, Texas.

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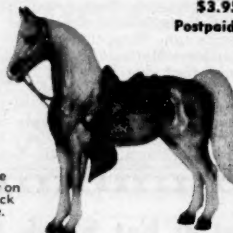


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Salt-Meal Mixture Tested as Control Aid in Self Feeding

PLAYING nursemaid to Oklahoma's range cattle each day through cold, snowy winters may soon come to an end if the new practice of self-feeding protein supplement mixed with salt proves satisfactory in experiments underway at Oklahoma A. & M. College, reports A. B. Nelson, A. & M. animal husbandman.

The plan, intended to do away with the daily feeding trek across the range to reach hungry cows, is widely used over some areas of Arizona, Texas and New Mexico and even parts of Oklahoma.

Previously the daily feeding was necessary to limit the amount of protein concentrates consumed by the bovines. However, good cattlemen will still observe their herds frequently to check progress and catch sickness.

The use of self-fed mixtures, in addition to saving labor, will secure better grazing distribution by careful location of feeders, and should give cattle an opportunity to eat at leisure.

But until the experiment is carried further, no definite endorsement can be made because consumption of huge quantities of salt may have a detrimental effect in cows over a long period, Arnold said.

Salt is used in the mixture as a governor to limit daily consumption of cottonseed meal or other concentrate. Average amount of salt needed to control meal consumption at 2.8 pounds for cows was 1.2 pounds.

Arnold said reports from the Southern Great Plains station, Woodward, show salt has been used successfully to control meal consumption of steers on native grass. However, the quantity of salt required for proper regulation varied with weight of animals fed and daily rate of consumption desired.

The Woodward report showed about three-fourths pound salt to two pounds of meal was about right for 700-pound steers, five-eighths pound salt to two pounds meal proved satisfactory for 450-pound steers, and one-half pound salt to two pounds meal regulated consumption for 300-pound steers.

It was noted that the cattle fed salt-meal mixture consumed and excreted much larger amounts of water than usual. Adequate water supply is essential for all cattle, but when large salt quantities are consumed, water supply is more important than ever.

Anxiety Hereford Breeders Sale

SUMMARY

| | | |
|------------|----------------|---------|
| 51 Bulls | \$62,950; avg. | \$1,234 |
| 14 Females | 13,205; avg. | 943 |
| 65 Head | 76,155; avg. | 1,172 |

THE Anxiety Hereford Breeders held a very successful sale December 10 at Amarillo, Texas. The top price of the sale of \$5,800 was paid by McCarty Brothers, Ellsworth, Nebraska, for Lord Lamplighter 17th, a two year old son of Lord Lamplighter, consigned by George Mousel, Cambridge, Nebraska.

Champion bull of the presale show was Lamplighter 148th, a two year old son of Dual Lamplighter, consigned by W. A. Anderson, Lovington, New Mexico. He went to McCarty Brothers for \$4,500. McCarty Brothers also paid \$4,500 for Imperial 15th, an April, 1950, son of Lord Lamplighter 7th, consigned by Donald J. Coder and Sons, Wellfleet, Nebraska.

Champion and top selling female at \$1,550 was Gwendoline 25th, a March, 1950, daughter of Don Lamplighter. This good neifer was consigned by E. D. Holt, Tatum, New Mexico, and sold to J. S. Crieswell, Graham, Texas.

G. P. Mitchell, Kermit, Texas, paid \$1,225 for Belle Domino 5th, a January, 1950, daughter of The Mousel Lamplighter, consigned by Coder and Sons.

Walter Britten and Jewett Fulkerson were the auctioneers.

Western Lambs Get Fat On Winter Pasture In Southeast

EXPERIMENTS conducted at the Mississippi Agricultural Experiment Station have shown the possibilities of finishing western ewe and wether lambs on winter pasture in the Southeast. This fact was reported by Harry H. Levick and David E. Pingrey of that station at the meeting of the American Society of Animal Production in Chicago, November 23.

Three groups of lambs averaging 26 per group were grazed on Italian rye grass, Balbo rye and oats from mid-December to mid-March. These lambs averaged 65.6 pounds at the start of the trials and were of Hampshire-Rambouillet breeding from Montana, and of Corriedale-Rambouillet and Suffolk-Rambouillet breeding from Texas and New Mexico.

Gains averaged 176.5 pounds per acre on the Italian rye grass, 155.1 pounds on the oat pasture and 140.4 pounds per acre on the Balbo rye pasture. Gains per lamb per day were .40 and .38 pounds. The lambs would have graded from high medium to middle good as fat lambs at the end of the grazing period. All groups showed a satisfactory profit, favoring the group clipped in March and sold off clover pasture in May.

Lakeland Farms Hereford Sale

SUMMARY

| | | |
|------------|----------------|-------|
| 35 Bulls | \$27,065; avg. | \$773 |
| 25 Females | 14,920; avg. | 577 |
| 60 Head | 41,985; avg. | 733 |

M. R. and Mrs. J. R. Querbes, owners of Lakeland Farms, held their first annual sale December 6 at Bethany, Louisiana.

Topping the offering of good, useful Herefords at \$1,950 was the junior yearling show heifer, QC Miss Plus, by Plus Malcolm Blanchard 10th. She went to George Gayden, Gurley, Louisiana.

Charles F. Moore, Dyersburg, Tennessee was the buyer of the next two highest selling females. He paid \$1,300 for QC Reality Miss, a May, 1950 daughter of WHR Jr. Reality 54th, and got QC Royal Miss 23rd, a July, 1950 daughter of RS Super Royal 5th, on a bid of \$1,135.

QC Royal Prince 3rd, a March, 1950 son of RS Super Royal 5th, sold to Zack Woods, Tillar, Arkansas, for \$1,750 to top the bull sale.

The next two top selling bulls were bought by Leslie Cooley, Shreveport, Louisiana. He was the final bidder at \$1,375 on QC Helmsman 3rd, a January, 1950 son of the register-of-merit sire, WHR Helmsman 87th, and paid \$1,360 for CQ Plus Return 7th, a three year old double bred Plus Blanchard 10th bull.

G. H. Shaw was the auctioneer.

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Pig Crop Report for December, 1951

THE 1951 pig crop totaled 102,100,000 head, an increase of five per cent from last year, the Bureau of Agricultural Economics reports. The increase results from a spring pig crop that was seven per cent larger than last year and a fall crop two per cent larger. The number of sows farrowing this fall was three per cent larger than last year. The number of pigs saved per litter at 6.60 is the second highest on record for the fall farrowing season being only slightly lower than the record litter size in 1950. The fall pig crop at 40,182,000 is the third largest on record.

A decrease of eight per cent from last spring is indicated in the number of sows to farrow in the spring of 1952. Assuming a litter size of 6.45 (the 10-year average of 6.26 with allowance for trend), this number of sows would indicate a pig crop of 56,500,000 head in the spring of 1952. Such a crop would be nine per cent smaller than last spring.

Marketings from the 1951 spring crop have been quite rapid during the past fall and at weights slightly less than the previous fall. Despite the seven per cent increase in 1951 spring pigs, farmers' reports indicate that on December 1 the number of hogs over six months old was only slightly higher than last year.

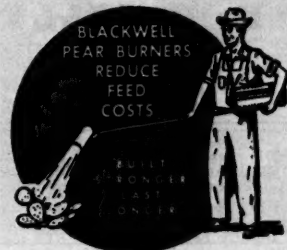
This report is based on a survey of 134,000 farm and ranch operators. These returns were obtained largely in cooperation with the Postoffice Department through the rural mail carriers.

Previous estimates of sows farrowing and pigs saved have been revised downward for the years 1945 to 1951 as a result of analysis of the 1950 census and other available check data. The yearly pig crop estimate for 1950 was reduced about three per cent. The 1951 estimate reflects this lower level although the estimated percentage change from 1950 was only slightly different than originally estimated last June. The yearly pig crop estimates for 1945 and 1946 were practically unchanged. The downward revision for 1947 amounted to one per cent; for 1948 and 1949, two per cent each.

Fall Pig Crop

The number of pigs saved in the fall season of 1951 (June 1 to December 1) is estimated at 40,182,000 head. This is 778,000 head or two per cent larger than the 1950 fall crop. The 1951 fall crop exceeds the 1940-49 average by 14 per cent and is the third largest on record, being exceeded by war year crops in 1942 and 1943. Except in the South Central States, fall pig numbers are larger than last year in all regions. The east and west North Central States are each up two per cent; North Atlantic, up seven per cent; South Atlantic, up 12 per cent; and Western States, up 14 per cent. In the South Central States fall pig numbers are down five per cent.

The number of sows farrowing in the 1951 fall season is estimated at 6,089,000 head, 166,000 or three per cent above last fall. The number of sows farrowing this fall was one per cent below the number that farmers' reports last June indicated would farrow. Only two regions, the east North Central and South Atlantic, show fall farrowings larger than intended in June. The percentage that 1951 fall farrowings are of 1950 and intentions as reported last June are as follows: North Atlantic, 106 per cent now and 106 per cent last June; east North Central, 102



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and 101; west North Central, 104 and 108; South Atlantic, 109 and 106; South Central, 95 and 99; West, 114 and 114.

The number of pigs saved per litter at 6.60 is the second largest on record—only slightly below the record 6.65 pigs per litter in the fall of 1950 and three per cent above the 10-year average. Weather conditions during the peak fall farrowing months were generally favorable.

Compared with a year earlier, the monthly distribution of farrowing in the 1951 fall season shows a larger percentage of litters in June, July and August and smaller percentages in the other three months. The percentage of sows farrowing each month during the fall season compared with the same month in 1950 is as follows: June 1951, 13.5 per cent compared with 12.0 per cent in June 1950; July, 11.2 compared with 10.3; August, 22.4 and 21.7; September, 30.3 and 31.9; October, 16.4 and 17.0; and November, 6.2 and 7.1.

Yearly Pig Crop

The combined spring and fall pig crop for 1951 is estimated at 102,139,000 head. This is 4,800,000 head or five per cent larger than the 1950 crop and exceeds the 10-year average by 12 per cent. The 1951 pig crop marks the third time on

record when more than 100,000,000 hogs were produced.

Spring Intentions

Farmers' reports on breeding intentions indicate 8,794,000 sows to farrow in the spring of 1952. This is a decrease of eight per cent from last spring and one per cent below the 10-year average. Compared with last year all regions except the North Atlantic and South Atlantic show decreases. By regions, the indicated reductions are as follows: east North Central, down four per cent; west North Central, down 11 per cent; South Central, down 12 per cent; and West, down eight per cent. The regions indicating increase are the North Atlantic, up six per cent; and South Atlantic, up three per cent.

These estimated changes from last year are based on breeding intentions reported by farmers about December 1.

If the intentions for spring farrowing materialize and the number of pigs saved per litter equals 6.45 (based on the 10-year average with an allowance for the upward trend) the 1952 spring pig crop would be about 56,500,000 head. A spring crop this size would be nine per cent smaller than in the spring of 1951 but two per cent larger than the 10-year average. For the Corn Belt, the

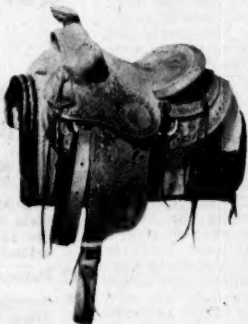
1952 crop would be eight per cent smaller than last year.

The number of hogs over six months old on farms on December 1 was reported only slightly higher than on December 1 last year despite seven per cent larger spring pig crop this year. Marketing of the spring crop has been rapid and continues the tendency of recent years toward earlier farrowing and earlier disposition. During the past few months, hogs have again been marketed at light weights by comparison with years since 1940. The average weights have not differed greatly from the average in the fall of 1950 and 1949. Since mid-October, weights of barrows and gilts at seven markets have been running three to six pounds lighter than in the corresponding weeks last year. Total commercial slaughter of hogs in August, September and October exceeded the same months last year by 18 per cent, 7 and 12 per cent, respectively.

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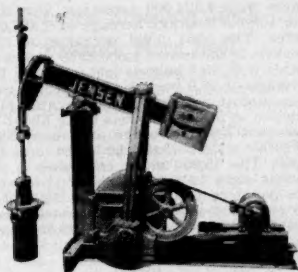
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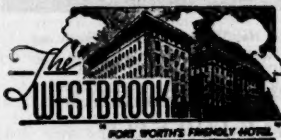
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Texas Annual Crop Summary for 1951

AN aggregate 1951 crop production in Texas somewhat less than last year is reported by the Bureau of Agricultural Economics in its annual report. Only cotton, rice and broomcorn, all of which were grown on greatly expanded acreages this year, show greater production than in 1950. More than offsetting these increases were sharp reductions for corn, oats, barley, rye, flaxseed, grain sorghum, cowpeas, peanuts and sweet potatoes, and a wheat production moderately lower than the poor 1950 crop.

A total of 24,695,000 acres of all crops were harvested this year, which is about two per cent or 461,000 acres more than last year but 11 per cent or nearly 3,000,000 acres below the 1940-49 average. Abandonment of small grains and commercial truck crops was extremely heavy and smaller acreages were planted to corn, sorghums, annual legumes, sweet and Irish potatoes and flaxseed, but a 5,000,000-acre increase in cotton acreage together with smaller increases for rice, all hay, and broomcorn brought this year's harvested acreage slightly above that of last year.

The year was largely a succession of adverse growing conditions. Contributing to an extremely unsatisfactory crop season were extremely low and damaging temperatures on February 1; drouth throughout the season; unusually heavy destruction of small grain by greenbugs; searing July and August temperatures, which severely damaged cotton and other spring sown crops; and finally, record low temperatures for the date on November 3, which brought the growing season to an abrupt end.

Late summer and early fall rainfall in 1950 gave promise of a good early start for small grains. In North Texas, however, rains ceased in October, and soils became too dry for seeding small grains and winter legumes. Most of the acreage that germinated made a weak start and failed to survive the drouth and low February temperatures. On the High Plains, wheat made a good early start but no effective moisture was received from mid-September until May. Root systems did not become well established and by November the crop was showing effects of the drouth. Greenbugs and other insects appeared in damaging numbers and by April 1 grain crops in all producing areas in the state were very poor. An unusually severe cold front roared across the state on February 1, causing unprecedented damage to winter vegetables and citrus in the Lower Valley. A large percentage of citrus trees were either killed outright or were damaged to such an extent that recovery was improbable. Moisture received in May and June was sufficient for germination of earlier dry-planted acreage and permitted completion of the planting of summer-crop acreages. Crops were late but made a remarkable start during a short period of favorable growing weather. But relief from the drouth was only temporary. July, August and early September were extremely dry, with 100 plus degree maximum temperatures prevailing day after day, and crop prospects deteriorated steadily throughout most of that period. Freezes and killing frosts which extended across most of the state on November 3 were not the earliest of record but did bring record low temperatures for that date. This

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freeze was 20 to 30 days earlier than usual for central and southern counties and sharply curtailed fall production of tender vegetable crops such as tomatoes, eggplant and peppers.

In the comments and tables, the 1950 estimates for all crops except seeds, fruits, nuts and commercial truck crops are revised on the basis of the 1950 Census of Agriculture, covering crop acreage and production for 1949. Other check data which become available at the end of each crop season were also used in revising the 1950 estimates. The 10-year averages, except for cotton, are not revised. The 1951 estimates are comparable with revised 1950 estimates. Changes in acreage, yield and production estimates from those published November 9 (earlier months for some state data) are the result of revisions in the 1950 base as well as the usual later survey information and other check data.

The 1951 corn crop is estimated at 42,143,000 bushels, about 28 per cent below the 1950 crop of 58,420,000 bushels and 33 per cent below the average of 62,517,000 bushels. Acreage harvested, at 2,278,000 acres, compares with 2,921,000 acres last year and the average of 3,775,000 acres. Yield per harvested acre is estimated at 18.5 bushels this year. The yield last year was 20.0 bushels and the average was 16.8 bushels.

The 1951 wheat crop of 17,307,000 bushels was the lowest since 1935, comparing with the short crop of 18,992,000 bushels last year and the 10-year average of 63,486,000 bushels. The acreage harvested also was the lowest since 1935, being estimated at 1,923,000 acres compared with 2,374,000 acres last year and the average of 4,873,000 acres. The 1951 harvested yield at 9.0 bushels compares

with 8.0 bushels last year and the average of 12.8 bushels.

The sorghum crop is estimated at 71,085,000 bushels, less than half the record crop of 144,566,000 bushels produced in 1950, but a little above the average production of 69,694,000 bushels. Both harvested acres and yields per acre were well below those of 1950. Harvested acres at 3,850,000 acres compares with 6,289,000 acres last year and the average of 5,864,000 acres. The yield per acre this year at 18.5 bushels is above the average of 18.1 bushels but is $4\frac{1}{2}$ bushels per acre below the 23.0 bushel yield last year.

Cotton

The cotton crop of 4,100,000 bales is more than one-third above the average of 3,049,000 bales and the 1950 crop of 2,946,000 bales, and is the largest crop since 1937, except the record crop of 6,040,000 bales in 1949. Acreage harvested is placed at 11,800,000 acres, compared with 6,700,000 acres last year and the 10-year average of 7,883,000 acres. The 1951 yield per acre of 167 pounds compares with 211 pounds last year and the average of 181 pounds. In the northern High Plains, Northeast, Trans-Pecos, upper Coastal and Lower Valley districts, yields were above those of 1950 and except for the Northeast, were above average. However, poor yields were produced in other dryland areas.

Oats and Barley

Production of oats, estimated at 8,145,000 bushels is the lowest since 1909, and compares with about 26,000,000 bushels last year and the average of 30,912,000 bushels. The crop was a near-failure in most districts due to freezes and droughts. Acreage harvested, at 543,000 acres, is the lowest since 1910, and com-

pares with 1,324,000 acres last year and the 10-year average acreage of 1,367,000 acres. The 1951 yield per acre of 15.0 bushels is the lowest since 1918 and compares with 19.5 bushels last year and the average of 22.0 bushels. Barley, like oats was almost a failure, the indicated production of 518,000 bushels being about 87 per cent below average and more than two-thirds less than the short crop of 1950. The 45,000 acres harvested is the lowest since 1918 and yield of 11.5 bushels per acre the lowest since 1933. The 10-year average acreage harvested and yield per harvested acre are 229,000 acres and 17.1 bushels, respectively.

Rice

A record crop of rice was produced in 1951. The estimated 12,408,000-sack (100 pound) crop is seven per cent above the former record of 11,568,000 sacks (100 pounds) established last year, and 50 per cent above the average of 8,264,000 sacks. Acreage for harvest estimated at 564,000 was the highest of record, about four per cent above the previous record of 542,000 acres in 1949 and 17 per cent above the 482,000 acres harvested in 1950. The yield per harvested acre was placed at 2,200 pounds, compared with 2,400 pounds last year and the average of 2,023 pounds.

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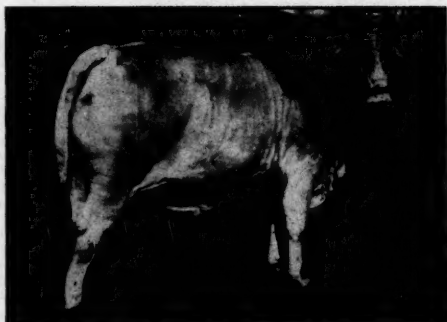
*The TEXAS HORSE BREEDERS ASSOCIATION was organized in San Antonio, Dec. 9, following the announcement that the Big Spring Futurity could not be held due to use of their grounds by the re-activated Air Base. The "Texas Futurity" hopes to continue on the same high plane with a goal of becoming one of the nation's biggest two-year-old events.

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Mr. V-8 44th—ABBA No. 34439—One of the bulls out of 1947 calf crop. Picture taken at 18 months of age.

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The selection of good breeding stock is not a simple procedure. Herd sires must be appraised on the basis of conformation and ability to sire fast-gaining progeny. Cows for the breeding herd should be selected for size, type, lifetime production and milk-producing ability.

Selecting Herd Sires

In selecting a bull, you should be guided by weight for age as well as excellence of beef type. Recent research by the Bureau of Animal Industry in cooperation with a number of states has shown that these characteristics are influenced greatly by heredity. Measurements of rate of gain on feed during the period from weaning to 15 months of age give an accurate yardstick for estimating the animal's ability to transmit desirable growth qualities to his offspring. More accurate selections for growth ability can be made during the post-weaning period than during the suckling period.

Choosing Female Breeding Stock

In choosing female herd replacements, you should look for animals that reach high mature weights at an early age and so complement the fast growth rates transmitted through selected sires. Cows, as well as sires, should be selected from lines of adequate milk production, because the mother's milk is the most important environmental factor in determining the calf's weight at weaning time. (Weaning weight is of particular importance to cattlemen who sell feeder calves.) It is difficult to know a bull's truly inherited potential for transmitting milk production unless you know exactly how the animal has been handled.

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Commercial cattlemen are asking for a factual record of performance for each individual animal or group of bulls they buy. They are becoming much more critical because they recognize the importance of selecting stock on a more reliable basis than appearance alone. Breeders who record information on performance of their beef animals (usually obtained in cooperation with state and federal agencies) will no doubt find their stock in increasing demand.

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Mature breeding cows of the established beef breeds should weigh between 1050 and 1250 pounds at the close of the fall pasture season. They should be capable of producing calves weighing 380 to 475 pounds at 6 to 7 months of age without access to nurse cows or creepers. Large cows tend to produce large calves, when they have adequate milk production.

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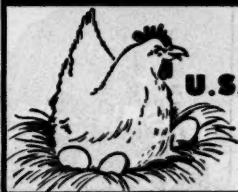
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ing calves usually lose weight during the summer season—or make only low gains—but will continue to produce a steady flow of milk. Far too many of our fine looking beef-type cows within all breeds, in purebred as well as commercial herds, gain from 150 to 250 pounds during the summer season. They produce calves weighing from 250 to 300 pounds that get most of their nourishment from grass during the last 60 days of summer. Cows of this type, regardless of the gains they made as heifers, do not make good breeding cows from which to select bulls or replacement heifers. They should be sold for slaughter.

Research on beef cattle has also shown that a cow's period of highest calf production is between the ages of four and eight years. Cows nine to ten years old and over drop down to the production level of two and three-year-olds. Naturally there are exceptions to the rule, but nine-year-old cows should be checked carefully for calf yields and culled if below standard.

Cows that have been dry for two consecutive years are usually considered to be barren and should be sold for slaughter when they have made maximum gains from pasture. Cows affected by "lumpy jaw" are difficult to cure and should be destroyed or sold for tankage. Cows with cancer eye can be successfully operated on if the condition is discovered in the early stages. If the condition is too far advanced at time of discovery, the only choice is to sell the animal for slaughter. Other culls should include cows that fail to wean marketable calves and all calves that fail to show satisfactory weight for age.

Cull cattle should be removed from the herd at least once or twice a year. Cows that die during a winter feeding period are a direct loss to the livestock producer. In most cases they could have been sold for slaughter at a profit. The timely removal of cull cattle from the herd raises the level of production and saves grass and other feed for animals capable of making normal gains.

A Check List of Points to Remember

Select herd replacements on the basis of type, quality, size, growth ability, disposition, milk production of dams, and milk production of dams of sires. These points are important in both registered and commercial herds.

Select large cows with adequate mammary development, because they tend to produce large calves.

Eliminate all cows from the herd that do a poor job of raising their calves.

Remove cull cattle from the herd at least once or twice a year. Cattle showing evidence of disease should be culled immediately.

Cull rigidly. High labor and feed costs make it very expensive to maintain unproductive cows.

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To Hold National Polled Hereford Show at Tulsa

THE 1952 National Polled Hereford Show and Sale is to be in Tulsa, Okla., October 29, 30 and 31, it has been announced by D. W. Chittenden, executive secretary of the American Polled Hereford Association. The Association sponsors the event in a different livestock center each year.

Carl Beesley, Tulsa, chairman of the local committee responsible for bringing the National event to Oklahoma this year, announced, "We are very pleased with the decision of the board of directors of the American Polled Hereford Association to have the exposition in our city. The presence of the National in the Tulsa area should do much to forward the rapid progress of Polled Hereford interest in the Southwest and surrounding states."

This year's event is expected to be the largest in its history. Premiums totaling \$10,000 will be given to winning exhibitors in addition to many outstanding trophies and other awards.

At the 1951 National in Louisville, Ky., 267 head of the nation's top Polled Hereford cattle were shown by 57 exhibitors from 17 states. More than 3500 visitors from all over the United States and many foreign countries attended the annual exposition.

The 75 head of sale animals brought a record of \$193,325 for an average of \$2,578 per head, a new all-time high at a National Polled Hereford Sale.

Judging of the cattle will be the first two days of the show, the sale on the last day.

Possibilities in Better Plant, Animal and Human Nutrition

MORE hope for steady improvement in the nutrition of plants, animals and humans was given in a recent talk by a U. S. Department of Agriculture scientist at a meeting of the American Association for the Advancement of Science in Convention Hall, Philadelphia, Pa.

Before a symposium on the mineral nutrition of plants, animals, and men, the scientist, Dr. Kenneth C. Beeson, who is head of the Department's Plant, Soil, and Nutrition Laboratory at Ithaca, N. Y., spoke of the advantages to be gained through breeding new varieties of crops designed as specially effective sources of different nutrients for both humans and animals. The only extra cost of such a program, he said, "is the initial one of development. The improved food can then be produced year after year with no additional cost to the consumer or to the grower."

Because of the great number of factors that enter into the making of a crop and the makeup even of the same variety under different soil and climatic conditions, Dr. Beeson says more attention must be given to producing individual varieties for various regions. (A variety of potatoes high in Vitamin C and adaptable for commercial production in Maine might not, for example, produce an adequate crop in South Carolina.) Either there must be local varieties for each region, or varieties adapted to wide ranges of soil and climatic conditions must be developed.

He emphasized the important economic effects often brought about by introducing one or more entirely new crops into a region to supply a nutrient known to be lacking. He gave the development of

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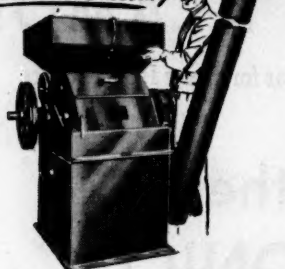
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better pasture as an example of how it is possible on soils deficient in cobalt, copper or phosphorus to improve productivity of the farm animals and nutrition of the people of a locality by introducing a forage crop with greater power for accumulating the particular element needed. In other areas, he said, the displacement of high-carbohydrate crops with some having more and better quality protein can make much improvement in human nutrition.

These possibilities, Dr. Beeson said, indicate the practical turn that studies of soils, and of crop, animal and human nutrition, have been taking lately. To illustrate this he cited that in the Northeast, where timothy hay very low in cobalt seems associated with nutritional difficulties with dairy cattle, the solution for more cobalt may be found in growing legumes with the timothy. He says evidence obtained in New York state indicates that any hay mixture containing 50 per cent or more of legumes will give dairy cattle enough cobalt regardless of a low supply of the element in the soil. Legumes have long been favored in hay mixtures, especially for dairy cows, and this new broader look at various parts of the nutrition problem seems to be another reason for increasing the proportion of legumes.

For better nutrition throughout the world, Dr. Beeson finds hope in the nutrition and breeding studies conducted cooperatively by several agencies in the U. S. Department of Agriculture and the state experiment stations which will adapt plants better to different soils and adapt crops better to animals. Such developments might be expected to utilize much marginal land for efficient crop production. "Soil and plant scientists," he said, "are ever impressed with the potential fertility of our soils, even in those situations where they have been used for a very long time. With proper management practices, including the judicious use of fertilizers, there seems to be no reason to doubt that food of high nutritional quality can be produced in abundance." But he warned against getting involved with irrelevant concepts.

Produce "X-Disease" Artificially

UNIVERSITY of Nebraska scientists have been able to successfully produce bovine hyperkeratosis or "X disease," in cattle.

Dr. Carl Olson, Jr., head of the university's animal pathology and hygiene department, reported recently that experiments with healthy calves have resulted in producing the disease. These successful experiments open the way for further research into the basic causes of the disease (still not completely understood) and how it can be controlled.

Bovine hyperkeratosis attacks calves between four and 10 months of age most severely. Older cattle are less likely to be affected by the disease. The usual symptoms, Dr. Olson said, are running eyes, loss of weight, skin thickening, and ulcers and wart-like growths in the mouth.

The disease weakens cattle, Dr. Olson said, so that they become susceptible to secondary infections such as pneumonia and internal infections. The disease is often fatal and may also stunt the growth of calves that do not die.

The disease has been reported in nearly all of the states. It has been found in nearly every region of Nebraska, accord-

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- 40 Braford Bulls, 1 year old
- 4 Registered Brown Swiss Bulls, 1 year old
- 6 Santa Gertrudis Bulls, 1 year old

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ing to a 1949-50 incomplete survey by the university.

In a scientific report in the American Journal of Veterinary Research Dr. Olson pointed out that research at Nebraska and elsewhere during the past three years has resulted in two conclusions:

(1) The symptoms of bovine hyperkeratosis, or "X disease," are now generally understood so that the extent of the disease can be determined.

(2) Bovine hyperkeratosis is apparently not a contagious disease. In a series of carefully controlled experiments at a university agricultural experiment substation at Valentine, Dr. Olson found that healthy calves placed with sick animals failed to "catch" the disease.

Further research carried on at Valentine, where nearly all of 150 calves on a feeding experiment became sick and 46 died in the spring of 1949, suggested that the cause of bovine hyperkeratosis was a feed supplement. The supplement was a specific batch of dehydrated alfalfa pellets, containing dicalcium phosphate.

Dr. Olson's research has failed to find any evidence that dehydrated alfalfa pellets, except this specific batch, cause bovine hyperkeratosis.

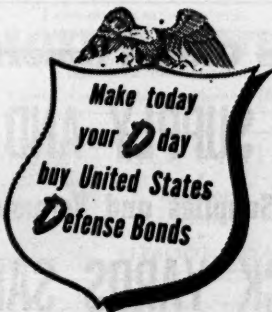
The batch of pellets sent to Valentine station, however, definitely caused a toxic condition in calves which led to bovine hyperkeratosis. This was demonstrated in experiments both at Valentine and at the college of agriculture in Lincoln. Chemists have so far been unable to determine what substances in the Valentine pellets cause the toxic condition.

The origin of bovine hyperkeratosis is further complicated, Dr. Olson said, by other research. Some other feedstuffs studied in other agricultural experiment stations have caused bovine hyperkeratosis.

Dr. Olson believes that the origin of bovine hyperkeratosis may eventually be found in abnormal soil or plant growth conditions. Further Dr. Olson believes that these conditions may be present for one crop year and absent for another.

Research at Nebraska has shown that heifers which recover from bovine hyperkeratosis do not suffer apparent damage to their reproductive capacity. The effect of the disease on the reproductive capacity of bull calves is one phase currently being studied.

Six other agricultural experiment stations, and the bureau of animal industry of the USDA have been co-operating with the University of Nebraska in the bovine hyperkeratosis research.



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Texas Livestock Markets' Review

Price Range at Fort Worth, Houston and San Antonio During Past Month

FORT WORTH Trade in the cattle yards during December on the Fort Worth livestock market showed weak to lower prices on most classes, in spite of a drop in supplies compared with November. Hog and sheep prices also show a downward price trend compared with last month.

Local receipts during the first three weeks of December show about 2,000 more cattle and 2,000 more hogs than were offered during the same period one year ago. There were about 1,200 more calves offered this month and nearly double the number of sheep and lambs compared with a year ago.

Salable receipts for 1951 on the local market totaled about 475,200 cattle, 254,700 calves, 230,700 hogs and 642,650 sheep. These totals show an increase of about 48,850 cattle and 31,000 calves over actual arrivals during 1950. Total salable hog receipts this year are about 6,700 head short of last year and offerings of sheep and lambs dropped off about 212,000 head compared with last year.

Recent sales in the cattle yards show slaughter steers and yearlings selling mostly \$1.00 lower than a month previous. Commercial cows are steady to 50c lower. Canners to utility cows are 50c@1.50 lower. Bulls are largely \$1.00 higher than a month previous. Prime and choice slaughter calves are steady and other grades steady to \$1.00 lower. Most stocker steers and yearlings are \$1.00 lower and stocker calves steady to \$1.00 lower.

Recent sales compared with the first of this year show slaughter steers and yearlings \$1.00@2.50 higher, with some utility grades steady to 50c higher. Commercial cows are \$1.00@1.50 higher and lower grades of cows steady to \$2.00 lower. Bulls are \$1.00@1.50 higher. Slaughter calves are \$2.00@2.50 higher. Stocker steers and yearlings are 50c@2.00 higher and stocker calves steady to \$1.00 lower.

Good and choice slaughter steers, yearlings and heifers are selling mostly from \$29.00@34.00, with a few closely sorted to \$35.00. Utility and commercial grades are clearing from \$22.00@29.00, with cutter grades down to \$20.00 and less.

Cows have been more plentiful than other classes. Commercial cows turned

recently from \$25.00@26.00, a few to \$27.00 and some early in the month to \$27.50. Utility cows were reported from \$20.50@24.00 and canners and cutters from \$15.00@20.50, some old shells down to \$13.00 and less. Utility bulls cleared from \$22.00@26.50, a few commercial \$27.00@27.50 and up to \$28.00 for grain fed bulls. Cutter bulls ranged down to \$18.00.

Choice slaughter calves turned recently from \$31.00@33.00, with choice grades early in the month to \$34.50. Commercial and good slaughter calves are selling from \$23.00@30.00 and cull and utility grades from \$16.00@22.00.

Medium and good stocker and feeder steers and yearlings moved recently from \$24.00@31.00, a few choice yearlings to \$32.50. Early in the month choice stockers moved from \$33.00@34.00. Common stocker yearlings ranged down to \$20.00 and stocker cows moved from \$20.00@26.00. Good and choice stocker calves are selling from \$28.00@33.00, compared with sales up to \$35.50 early in December. Common and medium stocker calves are moving from \$20.00@28.00.

Butcher hogs sold December 20th at prices that were weak to 75c lower than a month previous and \$2.00@3.00 lower than early in January this year. Choice butchers sold just before Christmas at \$18.25 for 180-270 lb. weights. Choice 155-175 lbs. and 280-400 lbs. turned from \$16.00@18.00. Sows ranged from \$14.00@16.00 and feeder pigs moved from \$10.00@14.00.

Recent sales of slaughter lambs were \$1.00@2.00 lower than a month previous and \$3.00@4.00 lower than early in January. Choice slaughter lambs topped at \$30.50 early this month with recent sales of good and choice shorn and woolled slaughter lambs from \$27.00@28.00. Utility good slaughter yearlings cleared recently from \$17.00@20.00 and cull to good slaughter ewes from \$10.00@14.00. Feeder lambs grading common to good are moving out from \$20.00@27.00.

SAN ANTONIO Slightly lower prices on all cattle classes with the exception of bulls were recorded in trading on the San Antonio market during the final month of the year. Slaughter steers and yearlings were 50c-\$1.00 lower and cows ruled mostly \$1.00

lower. Good and choice slaughter calves were around 50c down with lower grades, principally utility and commercial mostly \$1.00 off. Stocker calves were steady to \$1.00 lower with most declines listed on medium grades. Stocker and feeder yearling steers and heifers were unevenly steady to 50c lower. Bulls ruled unevenly steady to \$1.00 higher.

In the slaughter steer and yearling division, loadlots average good 861 lb. fed steers cashed at \$31.00-32.00 and commercial \$28.50-30.00. Loadlots good and choice 700-750 lb. fed yearlings turned \$32.00-34.00. Odd lots utility and commercial yearlings scaling 600-700 lbs. commanded \$26.50-30.00.

Utility cows bulked at \$21.00-24.00, few \$25.00-25.50. Canner and cutter cows moved in a \$14.00-21.00 spread, mostly \$15.00 and above. Odd head commercial bulls reached \$27.75, with the bulk utility and commercial going at \$23.50-27.00.

Good and choice slaughter calves earned \$30.00-33.00. Commercial bulked at \$26.00-30.00 with a few high dressing commercial and good at \$31.50. Utility moved at \$23.00-26.50.

Good and choice stocker calves turned \$30.00-34.00, few \$34.50, and packages around 250 lbs. to \$36.00. Medium selections claimed \$25.00-29.00 and included Brahman at \$25.00-28.50. Common calves went at \$20.00-24.00. Good whiteface yearling steers earned \$32.00-33.00 and medium and low good stocker and feeder yearlings sold at \$25.00-29.50. Common yearlings spread from \$22.00-24.00. Common and medium stocker cows changed hands at \$20.00-25.00, mostly \$22.00 and under. Feeder bulls reached \$24.00-25.00.

At the close of the third week in the period, butchers and cows sold mainly steady and feeder pigs were 25-50 cents lower. Good and choice 180-270 lb. butchers earned \$18.25-18.50. Bulk of the sows moved at \$16.00-16.50 with 500 lbs. and over taking \$15.00-15.50. Good and choice 90-120 lb. feeder pigs claimed \$16.00-16.50.

Good, choice and a few prime lambs claimed \$26.00-28.00, and utility cleared \$24.00-24.50. Good and choice No. 2 pelt lambs turned \$23.50-24.00 and choice No. 3 pelt two year olds of 91 lbs. weight sold at \$19.00. Good and choice shorn wethers

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made \$14.00-16.00. Medium and good feeder lambs sold at \$21.00-26.00 with a part load 68-lb. weights to \$26.50.

HOUSTON Trading was fairly active for the slaughter steers at the Port City Stockyards during the past month but the demand for stocker classes narrowed toward the close. The demand for slaughter classes was not overly broad but the diminishing numbers of livestock offered for sale caused buyers to be more aggressive.

Slaughter steers were scarce during the entire period and bull receipts were limited to a few head each day. Slaughter cow receipts were fairly liberal with the bulk grading canner and cutter. Good and choice grades were represented in the slaughter calf division most of the time but commercial grades predominated the supply. Whiteface and Brahman type stocker calves were on offer in fairly liberal numbers.

The total salable receipts for the month amounted to approximately 4,500 cattle and 15,150 calves, showing declines of 2,000 cattle and 11,000 calves compared with the previous month's receipts. During the corresponding month of 1950, 4,450 cattle and 14,600 calves were offered for sale, indicating an increase of about 3 per cent for the current month in comparison.

Practically all represented classes of cattle and calves made some price advances during the month with slaughter cows closing \$1.00-2.00 over the previous close, slaughter calves \$2.00-3.00 higher and stocker calves up about \$1.00. Utility and commercial slaughter cows cashed from \$21.00-26.00, and canner and cutter from \$15.50-20.50 with hard emaciated cows going from \$15.00 downward. Cutter and utility bulls sold from \$22.00-26.00 with a few commercial up to \$28.00. Good and choice slaughter calves sold from \$32.00-33.25 with late deals mostly around \$33.00 for both grades. Utility and commercial grades brought from \$25.00-32.00, and cull from \$19.00-24.00. Medium and good white-face stocker calves ranged from \$27.00-30.00 with several loads of choice at \$32.00. Medium Brahman stocker calves cashed from \$26.00-27.00 with heifer calves to \$30.00-31.00.

West B'Gins Ranch Sale

SUMMARY

| | | |
|------------|----------------|-------|
| 36 Bulls | \$16,820; avg. | \$462 |
| 95 Females | \$1,285; avg. | \$41 |
| 131 Head | \$9,185; avg. | \$20 |

THE West B'Gins Ranch owned by L. D. Tuttle, Dallas, Texas, held their herd reduction sale on December 18 with a large crowd from Texas, Oklahoma and Louisiana filling the seats. The top on bulls of \$1,500 was reached on two animals—BR Proud Mixer 4th, an own son of BR Proud Mixer, went to Green Valley Ranch, Emory, Texas; and PR Royal Duke by WHR Royal Duke 41st also going to Green Valley Ranch.

The top female and extreme sale top was a daughter of Larry Domino H 30th, he by Larry Domino 50th. She went to Sidney Winchester, Munday, Texas, at \$2,500. The next top was out of a daughter of Expectation carrying the service of PR Royal Duke and she went to Mr. Winchester at \$2,125. The third top female was an open heifer by Larry Domino Mixer 24th and out of a granddaughter of Larry Domino 50th. She went to J. P. McNatt, Greenville, Texas, at \$1,500.

The auctioneers were Jewett Fulkerson, Walter Britten and Bill Heldenbrand.



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The government estimates annually that the loss caused by grubs is from \$50,000,000 to \$100,000,000, and at the present price of cattle we estimate that the loss is double that amount and the cost is only 10¢ per head for average size cattle, or \$5.00 per gallon, one gallon treating 50 head of cattle.

To treat cattle sprinkle the Grub Killer on the cattle's back and brush it in with a stiff brush, knocking the scabs off, allowing the liquid to penetrate. Do not wait till grubs start falling out, the smaller the grubs are in your cattle's back the easier they are killed.

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Range News of the Southwest



Texas

Dry range and pasture feed was very short and supplies diminished steadily in all areas during November. Ranges were practically bare in some central and western counties. Winter grass and clovers were starting but still very short over the eastern half of the state, where light rains in late November temporarily eased the critical drouthy conditions. Continued mild temperatures and additional moisture were needed to keep this much needed green feed coming along. Some oats which survived the earlier army worm infestation in these eastern counties was already being grazed. In the northwest, wheat pasture prospects were moderately improved following light rain in late November and were supplying some green feed. A large tonnage of bundle feed was being trucked out of southern High Plains counties into the Edwards Plateau and western counties. Over much of the state, hay and roughage supplies will be short of needs for an extended winter feeding period. Condition of all range feed was reported at 67 per cent on December 1. Except for 1948, this is the lowest condition reported for this season of the year since the drouth year of 1934 when it was 52 per cent. Reported condition on December 1 was 13 points below the 10-year average of 80 per cent.

Heavy supplemental feeding has maintained cattle in fair flesh. However, cattle depending entirely on the short dry range feed have shown heavy shrinkage, and lack of green feed for an extended period was causing vitamin deficiency to show up, particularly in eastern counties, among cattle not receiving supplemental

feed. Heavy culling and marketing continued as farmers and ranchmen reduced herds more in line with available winter feed supplies. Out-of-state shipments were very heavy during October. Condition of cattle were reported at 78 per cent on December 1. This compares with 79 per cent a month ago and 83 per cent the 10-year average.

Ewes are going into the winter in generally poor condition. Dry range feed over most of the main sheep country is very short and reported at the lowest condition for this season except the 1934 drouth year. Out-of-state shipments during October were very heavy and close culling and marketing continued in November. Rain was urgently needed to bring on winter weeds and grass. Sheep were reported at 72 per cent condition on December 1. This was one point below the condition reported a month ago and 11 points below the 10-year average of 83 per cent.

Oklahoma

Range feed condition in Oklahoma was reported at 76 per cent on December 1, one point below the 10-year average of 77 for the date, according to the Federal-State Crop and Livestock Reporting Service. Some southern and southwestern counties had rather short range and pasture feed but most other parts of the State had fair to good supply. Deficiency of moisture had delayed wheat pasture in some southwest and Panhandle sections but through the central and north-central part of the State farmers and stockmen were making good use of wheat and other small grain fields. Hay and other feed supplies were short in

some southern and western counties and prices continued high.

Condition of cattle and calves is reported at 80 per cent on December 1, which compares with average of 81 for the date. Short range and other feed supplies in some sections together with delay in wheat pastures resulted in some shrinkage but stock were in generally strong condition for winter. In other sections where feed supplies were better, and wheat and other small grain fields were available for grazing, cattle and calves maintained good flesh. In some central and north-central counties rather large numbers of local and shipped-in cattle were being grazed on wheat fields. Trading and inquiry for stockers was reported slower than in recent months with some easing of prices.

November receipts of cattle and calves at the Oklahoma National Stockyards at Oklahoma City were reported at 60,336 head compared with 114,746 head in October and 57,179 in November 1950. Total receipts January-November this year amounted to 620,317 head compared with 590,666 during the same period in 1950, and 670,813 in the same period in 1949.

Western Ranges

November grazing conditions were generally good, with good range and pasture feed in Montana, the Dakotas, Wyoming, Nebraska, Kansas, and the northern half of Colorado. Snow cover was generally light. Oklahoma has fair to good range feed. Texas has poor range and pasture feed conditions except in parts of the Panhandle and East Texas, with the lowest range feed condition for December 1 since 1934. New Mexico ranges have poor feed, except in the northeast. Arizona has fair to good range feed with some improvement from late rains. Winter ranges in Southeast Utah, West Central, Southwest and South Central Colorado have poor short feed. Utah and Nevada grazing conditions were improved by snow and rain with below average range feed conditions. Fall rains improved range feed conditions in Idaho, Oregon and Washington, with fairly good winter grazing prospects. Fall rains and warm weather have made favorable pasture prospects in California. Heavy supplemental feeding of livestock has continued in Texas, Arizona, and New Mexico, and local areas of Colorado and Utah. A rather tight hay and feed situation has developed in much of the West, with a strong demand and high prices for hay. Considerable hay and other feeds have moved into the dry areas of the Southwest with some difficulty in securing early delivery on protein concentrates. The livestock feed situation will become difficult if winter conditions are severe. There has been a limited amount of wheat pasture in Kansas, Western Oklahoma, Texas, and Southeast Colorado.

Cattle and calves are generally in good condition, except in the dry areas of the Southwest. Cattle in the dry areas have been held in fairly good condition by continued supplemental feeding. There

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has been a heavy fall movement of cattle from the dry areas of the Southwest and limited local dry areas. Cattle and calves from most of the Northern and Plains sections showed good weights and finish at delivery time. The demand for stocker and feeder cattle has slackened during the past month. Cattle, except in the dry areas, had favorable grazing conditions during November, with only light shrinkage in local areas from storms.

Sheep are going into the winter in generally good condition in the Northern States and west of the Rockies. Texas sheep are in poor to fair condition, with the lowest December 1 condition rating since 1934. Marketings of sheep and lambs from Texas have been large, with heavy feeding of those retained. New Mexico sheep have been held in fairly good condition with supplemental feeding. Sheep conditions are poor in Northeast Arizona and Northwest New Mexico. Sheep are generally in good condition with favorable winter grazing and feed conditions in Montana, South Dakota, Wyoming, Northwest Colorado, and the Northwest States. Utah and Nevada sheep are in good condition with improved winter grazing from late moisture. Early lambing in California has been satisfactory, with new feed well started.

Cattle Sales and Prices

Where sex is not given on sale, excepting calves, the reference is to steers. As "The Cattleman" goes to press several days before date of release, range conditions may have changed since these reports were made.

ARCH, NEW MEXICO—Lewis & Gowdy, Arch, bought 100 7-year-old Angus cows from the Steve Trigg Ranch, Tucumcari; 25 registered Angus bulls from Mrs. Lee Gowdy, Jacksboro; and have taken a long time lease on the Bateman Ranch in King County, Texas, and have stocked it with about 1,000 Angus heifer calves.

Bun Lewis, Clovis, bought 30 registered Angus bulls from Russell Hames, Warrensburg, Ill.

There has been some moisture since

last report but there is no wheat pasture of any consequence. The market is definitely lower at auctions and in the country. There is some talk of contracting calves and yearlings for spring but very little is being done.—James A. Gowdy.

CLARENDON—Shelton & Chamberlain, Clarendon, bought 258 steer yearlings from Bob Hulett, Amarillo; 56 calves from Houston Bell, Clarendon; 65 calves from B. N. Head, Clarendon; 147 calves from Hermesmeier Bros., Jericho; 94 calves from Paul Montgomery, Memphis; 69 calves from Miller Estate, Goodnight; and sold 430 calves to Wilson Flynn, Kansas City, Mo.; 151 calves to Hermesmeier Bros., Jericho; and 100 calves to B. N. Head, Clarendon.

J. H. McMurtry, Clarendon, bought 657 steer yearlings from Warner Reid, Silverton; 215 calves from Jack Molesworth, Clarendon; 90 calves from Bray Cook, Brice; 100 calves from Fred Van Eaton, Kenna, N. M.; 186 steer yearlings from C. Hendricks, Flying H, N. M.; and sold 186 steer yearlings to Cline Cattle Co., Amarillo.

R. A. Clark, Groom, sold 61 steer yearlings to Ralph Britton, Groom.

Bert Chitwood, Friona, bought 2,000 cows, 1,500 calves and 80 bulls from Lazy R G Ranch, Clarendon; and sold 900 calves to Carl McDowell, Dumas; 400 cows to Charlie Silvers, Morton; and 500 cows to R. L. McMurtry, Amarillo.

We have not had any bad weather to date and cattle are doing O.K. We have had very little moisture this fall and winter. There is no cattle trading at present.

Steer calves are selling 35c to 37c; heifer calves, 33c to 36c; dry cows, 22c to 24c; cows with calves, \$225 to \$300; yearling steers, 30c to 33c; twos, 30c to 32c.—A. T. Jefferies.

EL PASO—West-Pyle Cattle Co., Longfellow, sold 312 Brahman calves and 33 cars of steers to Rutherford Bros., which were being sent to Brawley, Calif.

Peyton Packing Co., El Paso, received 5 loads of big calves from Oklahoma City. Border Cattle Co., El Paso, sold 30 cows to Montes Packing Co.; 30 cows to Roy Black; and bought 30 cows from

Hal Cox, Las Cruces, N. M.; 100 calves from Hal & Tommie Cox; and 100 calves from R. A. Weathersbee.

Black L. S. Co., El Paso, sold 188 Brahman calves to G. E. Spineler, Esperanza; and bought 234 cows and a few calves from Mr. Morrison and sold them to Jimmie Rodgers, who put them on feed at Acala, Texas.

We have had seven inches of snow during the last 30 days and .8 of rain which gives a little moisture.

Cattle are not moving like they were last month and ranchmen are buying all of the feed they can find.—R. E. Beatty.

HEBBRONVILLE—There is very little activity at this season of the year. Ranchmen have been busy weaning their calves and disposing of aged and undesirable cattle. In some sections of this country ranchmen are having to feed their cattle, but in other sections this is not necessary. We have an abundance of tall weeds but if we do not receive some needed moisture they will dry up.

The market is moderately active and most slaughter classes are steady. Good and choice yearlings around 600 lbs., are selling 30c to 30½c; utility and commercial, 21c to 25c; utility cows, 20c to 24½c; commercial and good calves, 26c to 30½c; choice, 33c; good and choice stocker calves, 30c to 33c; medium Brahman type, 25c to 28c.—Jack H. Mims.

HIGGINS—R. B. Tyson, Higgins, sold 384 yearling steers to J. P. Osborn, Pampa; and 65 to Augustine Sales Co., Texoma, Okla.

Dalby Fleming, Childress, bought 300 yearling steers from J. P. Osborn, Pampa; 185 from R. B. Tyson, Higgins; and 45 from C. W. Hawkins, Higgins.

The following shipped cattle to the Kansas City market: Dave Mauck, Darrouzett, 175 steers and heifers; Dale Heil, Follett, 185 heifers; Frank Watkins, Higgins, one load of mixed cattle; and Gilbert Terrell, Follett, two loads of yearling steers.

This section has good moisture now but there is not much wheat pasture. It has been possible to buy cotton seed cake

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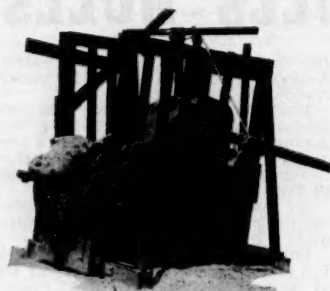
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only in small quantities, but livestock are wintering all right so far.—R. B. Tyson.

MULESHOE—E. K. Warren & Son, Muleshoe, sold 25 cows to Clovis Auction Sale, Clovis, N. M.; 150 cows to Jersig & Small, Hittson, So. Dak.; and bought one car of bulls from Banning Lewis Ranches, Colorado Springs, Colo.

Halsell Cattle Co., Amherst, sold 151 cows to Jersig & Small, Hittson, So. Dak.; and two trucks of fed heifers on the Oklahoma City market.

Mousel & Coder, Cambridge and Wellfleet, Nebr., sold 5 registered bulls to Jno. S. McMurtry, Muleshoe.

Bob Higgins, Hereford, sold 30 bulls to Sanford & Richie, Eagle Pass.

The demand on all classes of cattle is good but few are being offered for sale. There is little wheat pasture on the South Plains but we had six inches of snow that made .36 inch of moisture which will stop the dust storms for awhile.

Steer calves are selling 38c to 40c; two- and three-year-old heifers, \$180 to \$225; dry cows, 23c to 25c; cows with calves, \$250 up.—Jno. S. McMurtry.

PERRYTON—There is very little trading going on now. The sales rings are having good runs of cattle but prices have dropped some. Most of the cattle are off stalk fields as there is very little wheat pasture now. We have had some pretty cold weather and some snow but cattle are doing good on cake and grass.—L. W. Welch.

-QUITAQUE—On December 5th there was a general snow north and west of here. The snow under the Cap Rock was wet but the snow on the Plains was dry, where it drifted mostly off the wheat land as the wheat stubble was short. However, the grassland and stubble held the dry snow and it was of great benefit. Cattle will more than likely gain back the shrink they lost in the week of sand storms preceding the snow.—O. W. Stroup.

Greenhill Farm Hereford Sale

SUMMARY

| | | |
|----------------|----------------|---------|
| 16 Bulls | \$39,825; avg. | \$1,926 |
| 79 Females | \$4,549; avg. | \$571 |
| 95 Head | \$9,660; avg. | 1,049 |
| 35 Range Bulls | \$4,920; avg. | 998 |

THE Greenhill Farm sale held at Tulsa, Oklahoma on December 17 drew buyers from eight states, Oklahoma, Kansas, Texas, Arkansas, California, Missouri, Arizona and West Virginia. The top bull, and top of the sale, was Greenhill Larry 27th, an own son of MW Larry 20th and out of a daughter of OJR Royal Domino 10th. This two-year-old bull went to W. G. Skelly, Tulsa, Ok-

lahoma at \$5,300. The second top bull was Greenhill Larry 32nd another son of the "20th" and he went to Hugh Breeding, Maysfield, Arkansas at \$3,200. The top of the female sale was reached on a daughter of Baca R Domino 33rd and carrying the service of MW Larry 20th. She went to Nance Hereford Ranch, Canyon, Texas, at \$3,500. The second top female was a granddaughter of MW Larry 20th and carrying the service of Noe's Baca Prince 4th and she went to the Parker Ranch, Chelsea, Oklahoma at \$2,600.

The 35 head of range bulls were sold after the single lots and the buyers were given their choice from each pen. The top was reached on a junior bull calf by MW Larry 20th and he went to W. T. Walker and Son, Pawhuska, Oklahoma, for \$2,700. The second top of the pen division was reached on a March, 1951 son of Noe's Baca Prince 4th. He went to Mike Friend, Bowring, Oklahoma for \$2,500.

Auctioneers were A. W. Thompson, Jewett Fulkerson and Gene Watson.

Coleman County Hereford Calf Sale

Sale

SUMMARY

| | | |
|------------|----------------|-------|
| 31 Bulls | \$21,510; avg. | \$694 |
| 35 Females | 29,710; avg. | 849 |
| 66 Head | 51,220; avg. | 776 |

THE Coleman County Calf Sale held December 5 at Coleman, Texas, consisted of both horned and polled animals.

A polled September yearling bull, Domestic Anxiety 80th, by Domestic Anxiety, was the sale topper at \$3,000. He was consigned by Mans Hoggett, Mertzon, Texas, and sold to C. L. McHatten, Baldwin, Illinois.

Bowen Hereford Farms, Coleman, consigned the second top selling bull, BHF Proud Mixer 32nd, a November, 1950, grandson of WHR Proud Mixer 21st. He went to Ralph Tschirhart, Castorville, Texas, for \$2,150.

The female top of \$2,575 was paid by Hugh Campbell, Ballinger, Texas, for EG Lady Mixer 176th, an October, 1950, daughter of WHR Proud Mixer 21st, consigned by Earl Guitar, Abilene, Texas.

Dorothea Griffin, Lawn, Texas, consigned the second top selling female, D. G. May Mixer, a January, 1951, granddaughter of WHR Proud Mixer 21st. Earl Guitar was the buyer at \$1,800.

Walter Britten sold the offering.

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Higher Hay Yields Possible on Mountain Meadows of the West

POSSIBILITIES for bigger yields of more nutritious hay from irrigated mountain meadows of the West are indicated in results of the first year of a series of extensive experiments under way at Gunnison, Colo., in which the U. S. Department of Agriculture and Colorado A. & M. College are cooperating with local ranchers and business men.

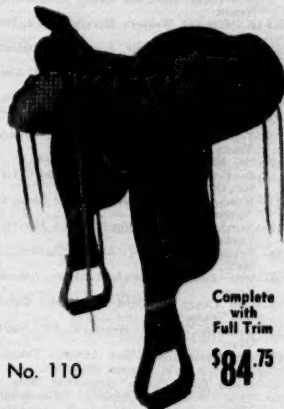
On well-drained meadowland where effects of irrigation, fertilization, soil management, and time of harvest on production and quality of forage from native grasses are being studied, yields under the best combination of practices during the first year were 2 tons per acre more than from areas untreated. Over 100 per cent increase in yield of hay was obtained from additions of nitrogen fertilizer. The addition of lime caused a significant increase in yield on one meadow where the soil was acid.

The investigators point out that there are more than half a million acres of high meadows in Colorado alone and many more thousands in other Western States. Mountain meadow hay is worth about \$20 to \$40 a ton, depending on economic conditions. A value of \$25 a ton is considered conservative. A yield increase of 2 tons per acre with a fertilizer cost of about \$20 an acre would leave \$30 an acre added profit. Under farm conditions, however, the increase might average no more than \$15 an acre. Even so, the possibilities for increased returns to ranchers from their mountain meadows, as indicated in the Gunnison tests, are high.

In addition to the actual tonnage increase possible from the meadows, there also is an increase in quality of hay produced where fertilization and other improved practices are followed. Early cutting, for example, boosted the protein content of hay from the meadows and gave higher cattle gains than cuttings made four or five weeks later.

Department of Agriculture agencies cooperating in the tests are the Bureau of Plant Industry, Soils, and Agricultural Engineering and the Soil Conservation Service. Ranchers of the area and businessmen of Gunnison have formed the Gunnison County Feeding Research Corporation to carry on feeding tests in connection with the hay production studies.

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HEREFORD SALES

- Jan. 5, 1952—Concho Hereford Assn., San Angelo, Texas.
 Jan. 7—A. H. Karpe, Greenfield Hereford Ranch, Bakersfield, Calif.
 Jan. 7—Mid-Texas Hereford Assn., Stephenville, Texas.
 Jan. 14-15—National Western Hereford Sale, Denver, Colo.
 Jan. 21-22—KIT Hereford Br. Assn. Sale, Dalhart, Texas.
 Jan. 25—Southeast New Mexico Hereford Assn., Rowell, N. M.
 Jan. 29—Southwestern Sale, Fort Worth, Texas.
 Feb. 4—Kansas Range Bull Sale, Dodge City, Kans.
 Feb. 5—Top O' Texas Hereford Assn., Pampa, Texas.
 Feb. 6—H.G. Hereford Farms, Colby, Kans.
 Feb. 6—Southwest Oklahoma Hereford Sale, Lawton, Okla.
 Feb. 11—Howard-South Plains Hereford Assn., Big Spring, Texas.
 Feb. 12—North Plains Hereford Assn., Perryton, Texas.
 Feb. 13—Tri-State Hereford Assn., Clayton, N. Mex.
 Feb. 14—Hill Country Hereford Assn., Mason, Texas.
 Feb. 15—Gulf Coast Hereford Br. Assn., Columbus, Texas.
 Feb. 15—Beckham County Hereford Br., Sayre, Okla.
 Feb. 19—San Antonio Sale, San Antonio, Texas.
 Feb. 25—Roundup Sale, Kansas City, Mo.
 Feb. 25—Cedar Lane Farms, Greenville, Miss.
 Feb. 26—Thad Fowler Dispersion, Hattiesburg, Miss.
 Feb. 28—Southeastern Hereford Futurity, Birmingham, Ala.
 Feb. 29—Conlon & Pinion, Phil Campbell, Ala.
 Mar. 8—Bryan County Hereford Sale, Durant, Okla.
 Mar. 8—Panhandle Hereford Br. Assn., Amarillo, Texas.
 Mar. 8—Brookview, Elkhorn and Providence Farms, Lexington, Ky.
 Mar. 8—Sand Hills Hereford Assn., Odessa, Texas.
 Mar. 10—Circle H Ranch, Winona, Miss.
 Mar. 12—Red River Valley Hereford Assn., Frederick, Okla.
 Mar. 14—East Texas Hereford Br. Assn., Tyler, Texas.
 Mar. 15—Northeast Texas Hereford Br. Assn., Daingerfield, Texas.
 Mar. 17—Oklahoma Hereford Assn., Oklahoma City, Okla.
 Mar. 19—Central Oklahoma Hereford Breeders, Oklahoma City, Okla.
 May 9—J. V. Severe & Red Cliff Farm Joint Hereford Reduction Sale, Ashland, Kans.
 June 21—Morlunda Farms, Lewisburg, W. Va.

POLLED HEREFORD SALES

- Jan. 19, 1952—Brown County Polled Hereford Assn., Brownwood, Texas.
 Jan. 30—Texas Polled Hereford Assn., Fort Worth, Texas.
 Feb. 18—Circle M Ranch, Senatobia, Miss.
 Feb. 19—Mid-South Polled Hereford Assn., Memphis, Tenn.
 Feb. 20—Texas Polled Hereford Breeders Sale, San Antonio, Texas.
 Mar. 10—Halbert & Fawcett, Avilla, Mo.
 Mar. 11—O'Bryan Ranch, Hattiesville, Kans.
 Mar. 25—Panola-Tate Polled Hereford Assn., Senatobia, Miss.
 Mar. 27—Malone Ranch, Meridian, Miss.

Apr. 7—Hurricane Hill Farms, Dyersburg, Tenn.

Apr. 8—John F. Goodnite & Son, Sardis, Miss.

ANGUS SALES

- Jan. 16, 1952—National Western Angus Sale, Denver, Colo.
 Jan. 21—Sunbeam Farms, Miami, Okla.
 Jan. 22—Angus Valley Farms, Tulsa, Okla.
 Jan. 23—Orchard Hill Farms, Enid, Okla.
 Jan. 24, 1952—Chisholm Trail Angus Assn. Sale, Caldwell, Kans.
 Feb. 1—Texas Aberdeen-Angus Assn., Fort Worth, Texas.
 Feb. 18—Texas Aberdeen-Angus Breeders Sale, San Antonio, Texas.
 Feb. 20—Lawrence-Randolph County Aberdeen-Angus Assn., Pochontas, Ark.
 Feb. 23—Joe Steed, Broken Arrow, Okla.
 Feb. 25—C. E. Reed, Wichita, Kans.
 Feb. 27—E. W. Thompson-Jesse L. Dowdy, Sedalia, Mo.
 Mar. 14—Northeast Texas Angus Sale, Sulphur Springs, Texas.
 Mar. 14—Southern Oklahoma Angus Breeders Assn., Ardmore, Okla.
 Apr. 5—Black Gold Angus Farm, Robert Lee, Texas.

SHORTHORN SALES

- Jan. 31—Texas National Shorthorn Sale, Fort Worth, Texas.

BRAHMAN SALES

- Feb. 8, 1952—Texas Area No. 1, Brahman Sale, Houston Stock Show, Houston, Texas.
 Feb. 9—Pecan Acres Ranch, Simonton, Texas.
 Mar. 12—El Campo Range Bull Sale, El Campo, Texas.

BRANGUS SALES

- Feb. 21, 1952—American Brangus Breeders Sale, San Antonio, Texas.

HORSE SALES

- Apr. 5—Jenkins Bros. Quarter Horse Sale, Fort Worth, Texas.
 Apr. 8—R. Q. Sutherland Quarter Horse Sale, Overland Park, Kans.
 Apr. 21—J. S. Batson, Production Quarter Horse Sale, Marietta, Okla.

GENERAL

- Jan. 2-5—Arizona National Livestock Show, Phoenix, Ariz.
 Jan. 7-9, 1952—Fifty-fifth Annual Convention American National Cattleman's Assn., Fort Worth, Texas.
 Jan. 11-20—National Western Show, Denver, Colo.
 Jan. 21-22—KIT Hereford Breeders Assn. Show, Dalhart, Texas.
 Jan. 24-25—Southeastern New Mexico Hereford Assn., Show & Sale, Rowell, N. M.
 Jan. 25-Feb. 3—Southwestern Exposition and Fat Stock Show, Fort Worth, Texas.
 Jan. 30-Feb. 10—Houston Fat Stock Show, Houston, Texas.
 Feb. 16-24—San Antonio Livestock Exposition, San Antonio, Texas.
 Feb. 27-Mar. 2—San Angelo Fat Stock Show, San Angelo, Texas.
 Mar. 3-7—Amarillo Fat Stock Show, Amarillo, Texas.
 Mar. 5-8—Sand Hills Hereford and Quarter Horse Show, Odessa, Texas.
 Mar. 11-15—North East Texas Livestock Show, Sulphur Springs, Texas.
 Mar. 17-19—Annual Convention, Texas & Southwestern Cattle Raisers Assn., Fort Worth.
 Mar. 23-25—New Mexico Cattle Growers Assn. 35th Annual Convention, Albuquerque, N. M.

Hill Country Aberdeen-Angus Sale

SUMMARY

| | | |
|------------|---------------|-------|
| 23 Bulls | \$17,535 avg. | \$775 |
| 45 Females | \$7,975 avg. | \$422 |
| 68 Head | \$4,910 avg. | \$669 |

THE first annual Hill Country Angus Association sale was held December 6 at Fredericksburg, Texas.

Topping the sale at \$1,700 was Prince 14th of Essar, an extra lot bull consigned by Essar Ranch, San Antonio, Texas. The buyer was Homer Rudasill, Rocksprings, Texas.

Essar Ranch also consigned the second top selling bull, an April, 1950 son of Ravenswood Bandolier 7th. He went to Gardner Syler Ranch, Burton, Texas, for \$1,300.

The top selling female, Erica of Oaks, a September, 1950 daughter of Black Prince 27th of Angus Valley, was consigned by Glenn H. Ricks, Lampasas, Texas, and sold to Clarence Krackau, New Braunfels, Texas, on a bid of \$1,400.

Jess Alford, Paris, Texas, sold two half-sisters, both granddaughters of Prince Sunbeam 29th, for \$900. One went to Daniel Angus Farm, Fairfield, Texas, and the other to William R. Cammack, Johnson City, Texas.

Ray Sims was the auctioneer.

Farmers' net income for 1951—about \$15,000,000,000—topped the previous year by \$2,300,000,000, but is down two billion from the high peak reached in 1947, according to the U. S. D. A.'s Bureau of Agricultural Economics.

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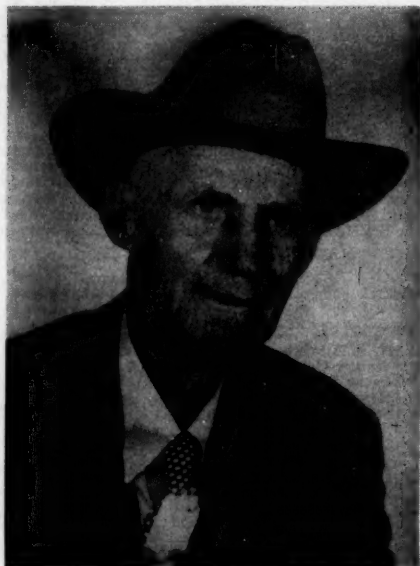
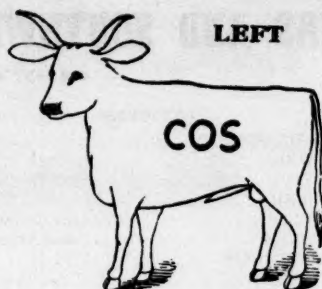
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Individual problems are those which belong to each man separate and distinct from his neighbor or fellow industryman.

Problems of common interest are those which belong to the industry as a whole. Every cattleman knows that diligent attention must be given to matters involving legislation, marketing, finance, freight rates, meat consumption, and the like, the same as the individual must be concerned about feed, water, labor, and other ranch problems. Group action through organization alone furnishes the operating machinery for dealing with problems of common interests.

The necessity for organized effort has caused each industry to form its association. It brought into being organizations for labor and all other businesses. Livestock producers in every state or section formed representative bodies, and among the first was the Texas and Southwestern Cattle Raisers Association.

Membership is open to any cattle producer recommended by responsible parties. There are cattlemen and livestock farmers in every section of the Southwest who are not members but who should be and lend their support to the efforts of this organization in behalf of their industry.

Experienced inspectors are stationed on all the central markets to which cattle from Texas and neighboring states are ordinarily shipped. Upon authorization by a member proceeds of cattle bearing his brand are held, pending investigation, if the inspector believes that such cattle are being handled by unauthorized parties.

Field men are stationed at important range centers and inspect shipments, conduct investigations of losses by members, assist local officers in apprehending and capturing cattle thieves, and serve the membership in any way possible. An attorney furnished by the Association assists local officers in prosecuting parties indicted for theft from a member.

When filling out this application it is important that information as to marks and brands and range of cattle be as complete as possible. Draw your brands and marks on the cuts of animals on reverse side just as they appear on the cattle. Use a separate cut for each brand and state whether the cattle are of your own raising; or if bought, give the name and address of the party from whom you bought. Brands may also be recorded in the space for remarks. If a brand is a tally on bought cattle same will doubtless be in many marks and a "V" should be put in one ear and "M" in the other—indicating various marks.

Charges incident to membership are \$6 annual dues, \$2 subscription to "The Cattleman," and an assessment of twelve cents per head per year on the number of cattle rendered, which number should be 65% of the actual number owned. There is also a voluntary assessment of 1 cent per head on the number of cattle rendered for the support of the National Live Stock and Meat Board. The minimum charge for membership with brand rendered is based on a rendition of 50 head, and even though you own less than 50 head, you are eligible for membership at the minimum charge. If you are now a subscriber to "The Cattleman," same will not be charged to your membership until present subscription expires.

The strength of any representative organization is entirely dependent on the support given it and the number of persons or the composite assets it is authorized to represent. The more members the Association has, the wider can be its scope of representation, and the more effective will be its endeavors.

19

To the President and Members of the Texas & Southwestern Cattle Raisers Association:

The Petition of the subscriber represents that he is desirous of becoming a member of the Association and I CERTIFY THAT I HAVE RENDERED NOT LESS THAN 65% OF THE CATTLE I AM HANDLING. In case of acceptance I agree and bind myself to conform to the By-Laws governing the Association, and to pay all dues, assessments and other charges provided for by the Association, at Fort Worth, Texas.

Name.....
(Print Name)

Ranch is located.....

Postoffice is.....

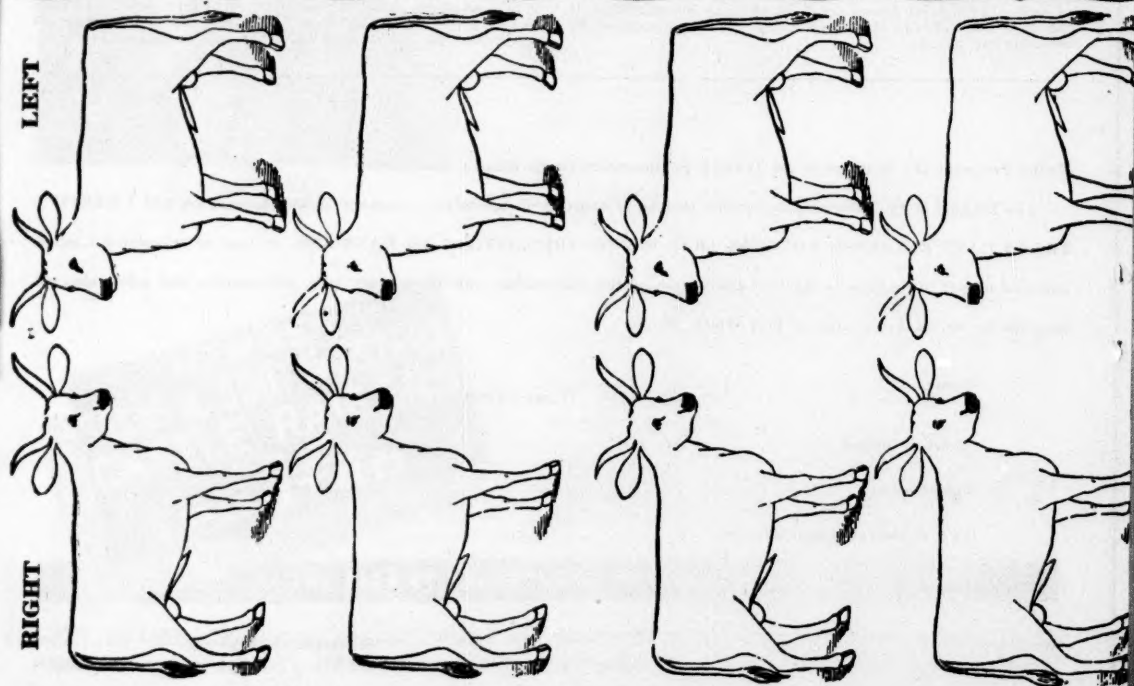
65% of the cattle controlled is.....

Recommended by.....

Signature of Applicant

REMARKS

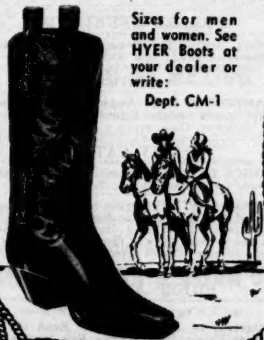
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- 3 Weanlings, by Boy Bob, P-12,570.

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Cattle Grub Program Getting Underway in Oklahoma

STIRLING KYD, Extension Entomologist, Oklahoma A&M College, Stillwater, has announced that Oklahoma's program for controlling cattle grubs is now underway in most counties throughout the state. Cattlemen are using rotenone, applying it in several different ways, any of which may give a good kill. Some are dusting; others are spraying, while many are using the hand wash method. Dipping vats are being used extensively in some areas.

Every year, cattle grub damages cost Oklahoma stockmen several million dollars. This loss comes from lowered milk production, damaged meat carcasses, damaged hides, and lowered vigor and vitality of the animals. For only a few cents a head, cattle can be treated for grubs and these losses prevented.

An example of losses even when cattle are moderately infested with grubs is shown by a recent test in an Oklahoma City packing plant. In a slaughter test conducted December 13, 1951, there was a total loss of \$58.69 on 31 head of steers with just an average grub infestation. These steers were from Dewey County and weighed an average of 864 pounds. Twenty-eight of the steers graded choice and three graded good. Twenty-four of their hides had five or more grub holes and were considered grubby being worth 1c per pound less. This resulted in a \$17.65 discount on the hides. Thirty-two pounds of meat was trimmed from the backs and disposed of as inedible. This resulted in \$17.60 trimming loss. Extra labor involved was 85c. Packing house beef men stated six carcasses were devalued 75c per hundred because of the grub damage. This made a total loss of \$58.69 on the 31 steers. Dewey County has had an extensive grub control program and undoubtedly has reduced their heel-fly population in that area. Nevertheless, this was an average loss of \$1.89 per head or 20c cwt. in this one load of cattle.

Some packers have indicated that when their buyers bid on grubby cattle during the height of the grub season, bids must obviously be lower on grub-infested cattle. Often these bids average 50c per hundred lower than on the same quality of cattle free of grubs.

"Oklahoma farmers and ranchers are making a real effort to control cattle grubs," Kyd remarked. "The grub damage on cattle coming to the Oklahoma City market has been reduced due to the programs carried on by the various agricultural agencies and commercial concerns working with farmers and ranchers in the various counties. By redoubling our efforts, the grub population can be further reduced, thereby returning greater profits to Oklahoma livestock producers. Oklahoma is getting the reputation of doing more about cattle grubs than any state. Let's everyone treat all cattle for grubs this year and really control 'Mr. Heel Fly.'"

Jordan Named Assistant General

C. B. & Q. Livestock Agent

R. C. BURKE, general livestock agent for the Chicago, Burlington & Quincy Railroad, announces that effective January 1, P. G. Jordan is appointed assistant general livestock agent, succeeding J. C. Prude, who has been granted a leave of absence.

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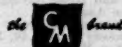
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BULLS — BULLS — BULLS

If you are in need of range bulls may we suggest that you look over our offerings at the various shows. These bulls are of various breeds, ages, and bloodlines to suit your needs. You will have a wide selection from which to pick. We'll be happy to assist you in making your selections.

Make Cassidy Your Headquarters While Attending These Shows

FORT WORTH

Southwestern Exposition and
Fat Stock Show

JAN. 25 - FEB. 3

HOUSTON

Houston Fat Stock
Show

JAN. 30 - FEB. 10

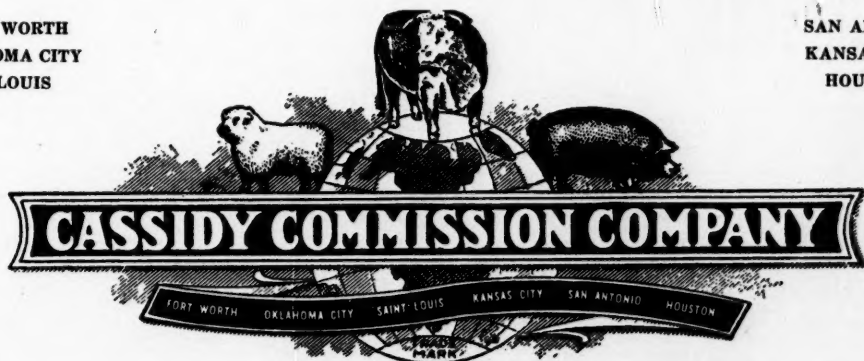
SAN ANTONIO

San Antonio
Livestock Exposition

FEB. 16-24

FORT WORTH
OKLAHOMA CITY
ST. LOUIS

SAN ANTONIO
KANSAS CITY
HOUSTON



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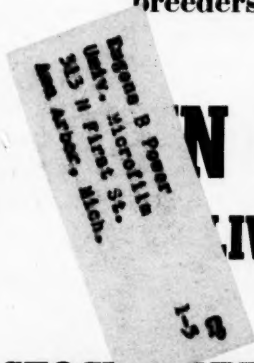
A Limited Number of Registered Females
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JANUARY 11th to 19th, 1952

offerings from the herds of some of the best known
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STOCK YARDS - - - DENVER 16, COLORADO

Make our office your headquarters during the Show

Our own completely equipped offices also at Chicago, Kansas City, Omaha, St. Louis, St. Joseph, Ogden, Fort Worth and San Antonio.